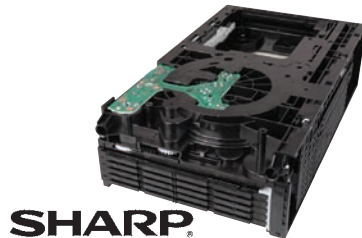


SHARP

Remote Control

•Used in models
#LC32D44U,
LC32SB24U,
LC37SB24U,
LC46SB54U, LCC4654U,
LCC5255U, LC32D47U,
LC52SB55U, LC37D44U,
LC32SB23U,
LC46SB57UN,
LC32SB27U, LCC4067U,
LC52SB57U

Order # **VIP**
RRMCGA667WJSA **\$11.98**



SHARP

Changer Mechanism Unit

•Used in models #XLUH250,
CDDK890N

Order # **VIP**
CDCMECA6663SRC **\$67.06**

SHARP

Power/Inverter Unit

•Used in model #LC32SB23U

Order # **VIP**
RUNTKA448WJQZ **\$111.00**

Sony PS2

Optical Pick-Up

•PS2 slimline console
without mechanism
•Mfr. #PVR802W

Order # **VIP**
32-23030 **\$23.99** **\$19.99**



Original Sony PS2 Laser Assembly

•#TDP-082W •Complete PlayStation 2
laser assembly which includes the
#PVR-802W laser, rails and motors

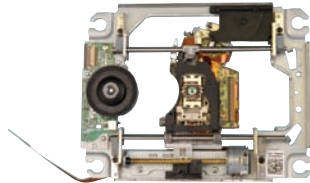
Order # **VIP**
32-24970 **\$35.65**



Sony PS3 Laser Repair Parts

•Choose from complete assembly or
just the laser •Mfr. #KEM-400AAA
(assembly) and KES-400AAA (laser only)

Order #	Description	VIP
32-24955	Laser assembly	\$139.00
32-25720	Laser only	99.95



Original Sony

Optical Pick-Up

•#8-848-144-11 and KSS-240A

Order #	Reg.	VIP
35-440	\$43.89	\$20.35



Original Sony Optical

Pick-Up Assembly

•Assembly contains #KSS-213C
optical pick-up •Also contains
spindle motor, optical motor and
mechanics •Sony #KSM-213CCM

Order #	Reg.	VIP
32-15500	\$28.59	\$25.95



HR Flybacks from
Diemen are manufactured
to the highest standards,
are ISO 9001 certified,
and are used as
original parts by
many OEM.



Order #	Mfr. #	HR #	VIP
33-9810	1534445 A, 244247, 247718	HR8680	\$26.95
33-9790	237506 R, 1512816 E	HR8682	20.95
33-9795	239111, 1512812 D	HR8551	18.95
33-9835	2 G 25028 B 1 B, 2 G 25028 C 1 A, 223952, 230702	HR8669	22.95
33-9845	241319, 248020, 15367220, 15470320	HR6337	26.95
33-9820	244229, 1536119 A	HR8675	26.95
HR8934	257805	HR8934	18.48
33-9945	43-74-1003 A/B, CFB 2-005 A/B	HR8224	22.69
33-8460	8-598-998-00/03, 1-453-268-11/21, NX 4005/X, NX 4005/X4J4	HR8220	26.95
33-9840	1-453-306-11, 8-598-850-00 NX 4011/X, NX 4011/X4J4	HR8774	26.95
33-10025	2G25031A2A, 229880, 2G25031A2B	HR6694	20.55

Audio/Video Service Products

Section
7

MCM carries all types and sizes
of batteries for your needs.



Water Filter Assembly

•Used in models #GRF218JGMA,
LRFD21855ST, LRFD22850SW,
LRFD22850SB, LRFD22850TT,
LRSC26940SB, LRSC26940SW,
LRSC26940TT, LFX25950SB,
LFX25950SW, LFX21960ST,
LFX25971ST, LFX25960SW,
LFX25980ST, LSC27950SW,
LSC27950ST, LRFD25850TT,
LMX25981SB, LMX25981ST,
LMX25981SW, LFD21860ST

Order # **VIP**
5231JA2006F **\$36.99**

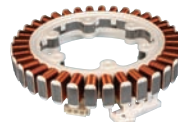


Stator

Assembly

•Used in models
#WM2032HW, WM0532HW,
WM2688HNM

Order # **VIP**
4417FA1994G **\$78.71**



Roller Assembly

•Used in models
#DLG2532W,
DLE8377NM,
DLE8377WM, DLE7177WM,
DLE2514W

Order # **VIP**
4581EL2002A **\$13.74**



LG Pump

Motor Assembly

•Used in models
#WM2077CW,
WM0532HW,
WM2688HNM and WM2277HW

Order # **VIP**
4681EA2001D **\$32.28**



Sensor

Assembly

•Used in models #WM2032HW,
WM0532HW and WM2688HNM

Order # **VIP**
6501KW2002A **\$12.08**



Original Lamps

•Visit MCMelectronics.com
for model information

Order #	VIP
6912B22002C	\$180.12
6912V00006C	180.12
6912B22007B	180.12
6912B22007A	176.41



Wii™ Tri-Wing Opening Tool

•Special design for NDS, NDS Lite,
Wii game consoles and some cell
phones •Screw drivers: Trigram/trywing
•Dimension: 4.33" x 0.39" x 0.39"

Order # **VIP**
32-25710 **\$6.88**



Original Sanyo Optical Pick-Up

•#SF-HD65

Order #	Reg.	VIP
32-24780	\$12.29	\$9.95



WARNING

WARRANTY VOID IF SEAL
IS BROKEN OR REMOVED

Tamper Resistant Warranty Label

•Used for security when service shops offer a
warranty with their repairs •Label leaves void
printing on unit if removed or tampered with
•100 labels per box •Dimensions: 1 1/2" (W) x 1/4" (H)



Hitachi 6.2" LCD Replacement Parts

•Direct replacements for IGT™ player tracking
systems •Choose from LCD with touch screen,
touch screen or the CCFL backlight

Order #	Reg.	VIP
21-1660	\$9.99	\$8.49

Order #	Description	Reg.	VIP
25-3600	CCFL repair kit for 6.2" Hitachi screen	\$11.79	\$10.79
25-3605	6.2" touch screen only	38.29	33.99
25-3610	6.2" LCD complete with touch screen	254.00	254.00
25-3725	6.2" mylar touch screen cover	10.19	9.29

Looking for even more Hot Deals?
Check out the Hot Deals and
Clearance items on our website.

www.MCMelectronics.com | 1-800-543-4330

Enter source code from back cover in web shopping cart for sale prices.



Section 7 Audio/Video Service Products

Look to MCM for all of your DLP bulb needs.

Original Samsung Lamps and Ballasts



Order #	Mfr. #	Reg.	VIP
32-22955	BP47-00008A, BP47-00017A	\$77.59	\$61.03
32-22960	BP47-00009A, BP47-00016A	77.59	58.85
32-23000	BP96-00224J, BP47-00006A, BP96-00224C/E/H/G	169.00	165.38
32-23020	BP96-00837A, BP96-00826A, BP96-00608A	169.00	160.26
32-24070	BP96-01403A, BP96-00823A	179.00	175.64
32-24075	BP96-00224D	169.00	160.26
32-24080	BP96-01073A	169.00	165.38
32-24090	BP96-00224B, BP96-00443A	183.00	181.00
32-24100	BP96-00677A	169.00	158.97
32-24920	BP96-00690A	81.59	51.92
32-24140	BP96-01472A	163.00	132.69
32-24805	AA47-00003A	295.00	246.67



PHILIPS

Original Bulb-Only

Order #	Reg.	VIP
928137805390	\$179.95	\$160.46



SONY. Original Lamps

Order #	Description	Reg.	VIP
146879816	Lamp power supply block 146879813, 146879814, 146879815	\$303.00	\$286.98

Lamps

PHILIPS

All Philips lamps are exact fit replacements for the OEM original part and have been extensively tested to ensure equivalent or superior performance. The lamps are quality manufactured using the latest discharge lamp manufacturing and process technology. Please refer to the handy cross reference below to find the lamp you need.

Order #	TV Model #	Mfr. #	VIP
HITACHI			
32-25227	50VS69A	UX25951	\$122.00
32-25227	55VS69	UX25951	122.00
32-25227	55VS69A	UX25951	122.00
32-25227	62VS69	UX25951	122.00
32-23520	50V500	UX21511	122.00
32-23520	50V500A	UX21511	122.00
32-23520	50VX500	UX21511	122.00
32-23520	60V500	UX21511	122.00
32-23520	60V500A	UX21511	122.00
32-23520	60VX500	UX21511	122.00
32-23525	42V515	UX21513	122.00
32-23525	42V525	UX21513	122.00
32-23525	42V710	UX21513	122.00
32-23525	42V715	UX21513	122.00
32-23525	50C10	UX21513	122.00
32-23525	50V500G	UX21513	122.00
32-23525	50V525E	UX21513	122.00
32-23525	50V710	UX21513	122.00
32-23525	60V710	UX21513	122.00
32-23525	60V715	UX21513	122.00
32-25220	50V720	UX21517	122.00
32-25225	50C20	UX21518	122.00
JVC			
32-24145	HD-52G566	TS-CL110UAA	122.00
32-24145	HD-52G576	TS-CL110UAA	122.00
32-24145	HD-52G586	TS-CL110UAA	122.00
32-24145	HD-52G786	TS-CL110UAA	122.00
32-24145	HD-52G886	TS-CL110UAA	122.00
32-24145	HD-52Z575	TS-CL110UAA	122.00
32-24145	HD-52Z585	TS-CL110UAA	122.00
32-24145	HD-56G786	TS-CL110UAA	122.00
32-24145	HD-56G886	TS-CL110UAA	122.00
32-24145	HD-61Z575	TS-CL110UAA	122.00
32-24145	HD-61Z585	TS-CL110UAA	122.00
32-24145	HD-61Z786	TS-CL110UAA	122.00
32-24145	HD-61Z886	TS-CL110UAA	122.00
32-24145	HD-70G886	TS-CL110UAA	122.00
MITSUBISHI			
32-24147	WD60735	915B403001	122.00
32-24147	WD60C8	915B403001	122.00
32-24147	WD60C9	915B403001	122.00
32-24147	WD65735	915B403001	122.00
32-24147	WD65736	915B403001	122.00
32-24147	WD65737	915B403001	122.00
32-24147	WD65835	915B403001	122.00
32-24147	WD65837	915B403001	122.00
32-24147	WD65C8	915B403001	122.00
32-24147	WD65C9	915B403001	122.00
32-24147	WD73735	915B403001	122.00
32-24147	WD73736	915B403001	122.00
32-24147	WD73737	915B403001	122.00
32-24147	WD73835	915B403001	122.00
32-24147	WD73837	915B403001	122.00
32-24147	WD73C8	915B403001	122.00
32-24147	WD73C9	915B403001	122.00
32-24147	WD82737	915B403001	122.00
32-24147	WD82837	915B403001	122.00
32-25230	WD52525	915P020010	122.00

Order #	TV Model #	Mfr. #	VIP
MITSUBISHI			
32-25230	WD52725	915P020010	\$122.00
32-25230	WE52825	915P020010	122.00
32-25230	WD52327	915P020010	122.00
32-25230	WD52825G	915P020010	122.00
32-25230	WD62525	915P020010	122.00
32-25230	WD62725	915P020010	122.00
32-25230	WD62825	915P020010	122.00
32-25230	WD62327	915P020010	122.00
32-25230	WD62825G	915P020010	122.00
32-24150	WD-52525	915P026010	122.00
32-24150	WD-52725	915P026010	122.00
32-24150	WE-52825	915P026010	122.00
32-24150	WD-52327	915P026010	122.00
32-24150	WD-52825	915P026010	122.00
32-24150	WD-52825G	915P026010	122.00
32-24150	WD-62525	915P026010	122.00
32-24150	WD-62725	915P026010	122.00
32-24150	WD-62825	915P026010	122.00
32-24150	WD-62327	915P026010	122.00
32-24150	WD-62825G	915P026010	122.00
32-24150	WD-62627	915P026010	122.00
32-26415	WD52526	915P028010	122.00
32-26415	WD52527	915P028010	122.00
32-26415	WD52528	915P028010	122.00
32-26415	WD62527	915P028010	122.00
32-26415	WD62528	915P028010	122.00
32-26416	WD-Y57	915P049010	122.00
32-26416	WD-Y65	915P049010	122.00
32-26416	WD52631	915P049010	122.00
32-26416	WD57731	915P049010	122.00
32-26416	WD57732	915P049010	122.00
PANASONIC			
32-23530	PT43LC14	TY-LA1000	122.00
32-23530	PT43LCX64	TY-LA1000	122.00
32-23530	PT44LCX65	TY-LA1000	122.00
32-23530	PT50LC13	TY-LA1000	122.00
32-23530	PT50LC14	TY-LA1000	122.00
32-23530	PT50LCX63	TY-LA1000	122.00
32-23530	PT52LCX15B	TY-LA1000	122.00
32-23530	PT52LCX65	TY-LA1000	122.00
32-23530	PT60LC13	TY-LA1000	122.00
32-23530	PT60LC14	TY-LA1000	122.00
32-23530	PT60LCX63	TY-LA1000	122.00
32-23530	PT60LCX64	TY-LA1000	122.00
32-23530	PT61LCX65	TY-LA1000	122.00
32-23535	PT40LC12	TY-LA1500	122.00
32-23535	PT45LC12	TY-LA1500	122.00
PHILIPS			
32-26420	55PL977S	312243871310	122.00
32-26420	55PL977A	312243871310	122.00
32-26420	55PL9223	312243871310	122.00
32-26420	44PL9522	312243871310	122.00
32-26420	55PL9773/17	312243871310	122.00
32-26420	55PL9524/37	312243871310	122.00
32-26420	55PL9224	312243871310	122.00
32-26420	44PL952217	312243871310	122.00
32-26420	55PL977437	312243871310	122.00

Order #	TV Model #	Mfr. #	VIP
PHILIPS			
32-26420	62PL9774	312243871310	\$122.00
32-26420	44PL9523	312243871310	122.00
32-26730	50ML8105D	SPL6502G001	122.00
32-26730	50ML8305D	SPL6502G001	122.00
RCA			
32-23540	HD50LPW162YX3 (M)	260962	122.00
32-23540	HD50LPW162YX4 (M)	260962	122.00
32-23540	HD50LPW163YX3 (M)	260962	122.00
32-23540	HD50LPW163YX4 (M)	260962	122.00
32-23540	HD50LPW42	260962	122.00
32-23540	HD50LPW42YX	260962	122.00
32-23540	HD50LPW42YX1	260962	122.00
32-23540	HD50LPW42YX2	260962	122.00
32-23540	HD61LPW162YX3 (H)	260962	122.00
32-23540	HD61LPW163YX3 (H)	260962	122.00
32-23540	HD61LPW163YX4 (H)	260962	122.00
32-23540	HD61LPW163YX6 (H)	260962	122.00
32-23540	HD61LPW42	260962	122.00
32-23540	HD61LPW42YX1	260962	122.00
32-23540	HD61LPW42YX2	260962	122.00
32-23540	HD61LPW42YX5	260962	122.00
32-23540	HD61LPW42YX6	260962	122.00
32-23540	HDLP50W151	260962	122.00
32-23540	HDLP50W151YX1	260962	122.00
32-23540	HDLP50W151YX3	260962	122.00
32-23540	HDLP50W162	260962	122.00
32-23540	HDLP60W164	260962	122.00
32-23540	HDLP61W151	260962	122.00
32-23540	HDLP61W151YX1	260962	122.00
32-23540	HDLP61W151YX3	260962	122.00
32-23540	HDLP61W162	260962	122.00
32-23540	HDLP61W163	260962	122.00
32-25235	HD50LPW162YX1	265103	122.00
32-25235	HD50LPW162YX2	265103	122.00
32-25235	HD50LPW163YX1	265103	122.00
32-25235	HD50LPW163YX2	265103	122.00
32-25235	HD50LPW42YX3	265103	122.00
32-25235	HD50LPW42YX4	265103	122.00
32-25235	HD61LPW162YX1	265103	122.00
32-25235	HD61LPW162YX2	265103	122.00
32-25235	HD61LPW163YX1	265103	122.00
32-25235	HD61LPW163YX2	265103	122.00
32-25235	HD61LPW163YX5	265103	122.00
32-25235	HD61LPW42YX3	265103	122.00
32-25235	HD61LPW42YX4	265103	122.00
32-25235	HDLP50W151YX2	265103	122.00
32-25235	HDLP50W151YX4	265103	122.00
32-25235	HDLP61W151YX2	265103	122.00
32-25235	HDLP61W151YX4	265103	122.00
32-26430	HD50LPWYX12	270414	122.00
32-26430	M50WH72SYX1	270414	122.00
32-26430	M50WH72SYX11	270414	122.00
32-26430	M50WH72SYX12	270414	122.00
32-26430	M50WH72SYX2	270414	122.00
32-26430	M50WH74S	270414	122.00
32-26430	M61WH74S	270414	122.00

PHILIPS Rear Projection TV Bulbs (without housing)

Reduce your out-of-warranty repair costs by replacing just the bulb and not the complete lamp assembly. These quality bulbs manufactured by Philips are intended for sale to professional television servicers only and feature a 90-day warranty. Bulbs do not include electrical cable or plug.

Reg. \$102.00 (ea.) **VIP \$89.00**

MCM carries all types and sizes of batteries for your needs.



Order #	Mfr. #	Description	Equivalent Osram Bulb	Fits Lamp Models
32-25250	PHI/378	UHP 100W/120W 1.0 E23	-	RCA: 260962, 265103; Samsung: BP96-00224A,B,C,D,E,J; LG/Zenith: 6912B22002C, 6912B22007A
32-25270	PHI/387	UHP 100W/120W 1.0 PH P22	P-VIP 100-120/1.0 P22h	Hitachi: UX21516, UX21518, UX25951; Panasonic: TY-LA1000; Sony: A-1606-034-B, XL2100, F-9308-760-0, XL5100, F-9308-860-0, XL5200
32-25280	PHI/389	UHP 132W/120W 1.0 E22	P-VIP 120-132/1.0 E22h-1	Samsung: BP47-00023A, BP96-01099A, BP96-01472A, BP96-01653A
32-25285	PHI/390	UHP 120-100W 1.0 PH5 E22	P-VIP 100-120/1.0 E22h	Samsung: BP96-00677A, BP96-00826A, BP96-01073A, BP96-01394A, BP96-01403A; LG/Zenith: 6912B22007B
32-26585	PHI/379	UHP 100W/120W E19.38		Sony: KDFE42A10 (KDF-E42A10), KDFE50A10 (KDF-E50A10), KDF46E2000 (KDF-46E2000), KDF50E2000 (KDF-50E2000), KDF55E2000 (KDF-55E2000), KDF42E2000 (KDF-42E2000),

Lamps

YOUR CHOICE Reg. \$132.00 **VIP \$122.00**

Order #	TV Model #	Mfr. #	VIP
SAMSUNG			
32-26642	HLR4266W	BP96-01653A	\$122.00
32-26642	HLS4676S	BP96-01653A	122.00
32-26642	HLT4675S	BP96-01653A	122.00
32-26642	SP46K5HD	BP96-01653A	122.00
32-26642	HL50A650	BP96-01653A	122.00
32-26642	HLT5075S	BP96-01653A	122.00
32-26642	HL56A650	BP96-01653A	122.00
32-26642	HL61A650	BP96-01653A	122.00
32-26642	HLT5675S	BP96-01653A	122.00
32-26644	HLT5076WX	BP96-01795A	122.00
32-26644	HLT5076SX	BP96-01795A	122.00
32-26644	HLT5076S	BP96-01795A	122.00
32-26644	HLT5676SX/XAA	BP96-01795A	122.00
32-26644	HLT5676S	BP96-01795A	122.00
32-26644	HLT6176S	BP96-01795A	122.00
32-26644	HLT6176SX	BP96-01795A	122.00
32-26644	HLT6176	BP96-01795A	122.00
32-23545	HLM4365	BP96-0024J	122.00
32-23545	HLM4365W	BP96-0024J	122.00
32-23545	HLM4365WX	BP96-0024J	122.00
32-23545	HLM437	BP96-0024J	122.00
32-23545	HLM437W	BP96-0024J	122.00
32-23545	HLM437W1X	BP96-0024J	122.00
32-23545	HLM437WX	BP96-0024J	122.00
32-23545	HLM5056W1X	BP96-0024J	122.00
32-23545	HLM5056WX	BP96-0024J	122.00
32-23545	HLM5065	BP96-0024J	122.00
32-23545	HLM5065W	BP96-0024J	122.00
32-23545	HLM507	BP96-0024J	122.00
32-23545	HLM507WX	BP96-0024J	122.00
32-23545	HLM617W	BP96-0024J	122.00
32-23545	HLM617WX	BP96-0024J	122.00
32-23545	HLN43	BP96-0024J	122.00
32-23545	HLN4365	BP96-0024J	122.00
32-23545	HLN4365W	BP96-0024J	122.00
32-23545	HLN4365W1X	BP96-0024J	122.00
32-23545	HLN4365W1X/XAA	BP96-0024J	122.00
32-23545	HLN4365WX	BP96-0024J	122.00
32-23545	HLN4365WX/XAA	BP96-0024J	122.00
32-23545	HLN437W	BP96-0024J	122.00
32-23545	HLN437W1X	BP96-0024J	122.00
32-23545	HLN437W1X/XAA	BP96-0024J	122.00
32-23545	HLN437WX	BP96-0024J	122.00
32-23545	HLN467	BP96-0024J	122.00
32-23545	HLN467W	BP96-0024J	122.00
32-23545	HLN467WX	BP96-0024J	122.00
32-23545	HLN5065	BP96-0024J	122.00
32-23545	HLN5065W	BP96-0024J	122.00
32-23545	HLN5065W1X	BP96-0024J	122.00
32-23545	HLN5065W1X	BP96-0024J	122.00
32-23545	HLN5065W1X/XAA	BP96-0024J	122.00
32-23545	HLN5065WX	BP96-0024J	122.00
32-23545	HLN5065WX/XAA	BP96-0024J	122.00
32-23545	HLN507	BP96-0024J	122.00
32-23545	HLN567	BP96-0024J	122.00
32-23545	HLN567W	BP96-0024J	122.00
32-23545	HLN567WX	BP96-0024J	122.00
32-23545	HLN567WX/XAA	BP96-0024J	122.00

Order #	TV Model #	Mfr. #	VIP
SAMSUNG			
32-23545	HLN617	BP96-0024J	\$122.00
32-23545	HLN617W1	BP96-0024J	122.00
32-23545	HLN617W1X	BP96-0024J	122.00
32-23545	HLN617W1X/XAA	BP96-0024J	122.00
32-23545	HLN617WX	BP96-0024J	122.00
32-23545	HLN617WX/XA	BP96-0024J	122.00
32-23545	HLN617WX/XAA	BP96-0024J	122.00
32-23545	HLP4674W	BP96-0024J	122.00
32-23545	HLP4674WX	BP96-0024J	122.00
32-23545	HLP4674WX/XAA	BP96-0024J	122.00
32-23545	HLP5663WX	BP96-0024J	122.00
32-23545	HLP5674W	BP96-0024J	122.00
32-23545	HLP5674WX	BP96-0024J	122.00
32-23545	HLP5674WX/XAA	BP96-0024J	122.00
32-23545	HLR4677WX/XAA	BP96-0024J	122.00
32-23545	HLR5677WX/XAA	BP96-0024J	122.00
32-26425	HLM4365WX	BP96-00224A	122.00
32-26425	HLM437W	BP96-00224A	122.00
32-26425	HLM5065W	BP96-00224A	122.00
32-26425	HLM507W	BP96-00224A	122.00
32-26425	HLM507WXXAA	BP96-00224A	122.00
32-26425	HLM4365W	BP96-00224A	122.00
32-26425	HLN4365WXXAA	BP96-00224A	122.00
32-26425	HLN507WX/XAA	BP96-00224A	122.00
32-26425	HLN567WXXAA	BP96-00224A	122.00
32-26425	HLN567W	BP96-00224A	122.00
32-26735	HLP4663WX	BP96-00826A	122.00
32-26735	HLP5663WX	BP96-00826A	122.00
32-26735	HLP6167WX/XAA	BP96-00826A	122.00
32-26735	HLR4264WX	BP96-00826A	122.00
32-26735	HLR4266WX	BP96-00826A	122.00
32-26740	HLR4264W	BP96-01073A	122.00
32-26740	HLR5067W	BP96-01073A	122.00
32-26740	HLR5667WX	BP96-01073A	122.00
32-26740	HLR6167W	BP96-01073A	122.00
32-26740	HLR4266W	BP96-01073A	122.00
32-26740	HLR5067WX	BP96-01073A	122.00
32-26745	HLR4667WX	BP96-01403A	122.00
32-26640	HL-S4266W	BP96-01472A	122.00
32-26640	HL-S4666W	BP96-01472A	122.00
32-26640	HL-S5065W	BP96-01472A	122.00
32-26640	HL-S5086WX	BP96-01472A	122.00
32-26640	HL-S5087WX	BP96-01472A	122.00
SONY			
32-24155	KDF-55WF655	A1085-447A	122.00
32-24155	KDF-55XS995	A1085-447A	122.00
32-24155	KDF-60WF655	A1085-447A	122.00
32-24155	KDF-60XS995	A1085-447A	122.00
32-24155	KDF-E55A20	A1085-447A	122.00
32-24155	KDF-E60A20	A1085-447A	122.00
32-23550	KDF42WE655	A-1606-034-B	122.00
32-23550	KDF50WE655	A-1606-034-B	122.00
32-23550	KDF60XBR950	A-1606-034-B	122.00
32-23550	KDF70XBR950	A-1606-034-B	122.00
32-23550	KF-42WE610	A-1606-034-B	122.00
32-23550	KF-50WE610	A-1606-034-B	122.00
32-23550	KF-60WE610	A-1606-034-B	122.00
32-23555	KF50XBR800	A1601-753-A	122.00

Order #	TV Model #	Mfr. #	VIP
SONY			
32-23555	KF60DX100	A1601-753-A	\$122.00
32-23555	KF60XBR800	A1601-753-A	122.00
32-23555	KP50XBR800	A1601-753-A	122.00
32-26435	KDF-E42A10	F-9308-750-0	122.00
32-26435	KDF-E50A10	F-9308-750-0	122.00
32-26435	KDF-46E2000	F-9308-750-0	122.00
32-26435	KDF-50E2000	F-9308-750-0	122.00
32-26435	KDF-55E2000	F-9308-750-0	122.00
32-26435	KDF-42E2000	F-9308-750-0	122.00
32-26440	KDS-R50XBR1	F-9308-760-0	122.00
32-26440	KDS-R60XBR1	F-9308-760-0	122.00
32-26445	KDS-50A2000	F-9308-860-0	122.00
32-26445	KDS-55A2000	F-9308-860-0	122.00
32-26445	KDS-60A2000	F-9308-860-0	122.00
32-26445	KDS-50A2020	F-9308-860-0	122.00
32-26445	KDS-55A2020	F-9308-860-0	122.00
32-26445	KDS-60A2020	F-9308-860-0	122.00
32-26445	KDS-50A3000	F-9308-860-0	122.00
32-26445	KDS-55A3000	F-9308-860-0	122.00
32-26445	KDS-60A3000	F-9308-860-0	122.00
32-26755	KDF37H1000	F-9308-900-0	122.00
32-26755	KDF46E3000	F-9308-900-0	122.00
32-26755	KDF50E3000	F-9308-900-0	122.00
ZENITH/LG			
32-25240	RU44S251D	6912B22002C	122.00
32-25240	RU44S261D	6912B22002C	122.00
32-25240	RU52S251D	6912B22002C	122.00
32-25240	RU52S261D	6912B22002C	122.00
32-25245	62SX4D	6912B22007B	122.00
32-25245	52SX4D	6912B22007B	122.00
32-25245	Z52S280	6912B22007B	122.00
32-25245	Z44S280	6912B22007B	122.00
32-23560	D52WLCD	6912V00006C	122.00
32-23560	E44W46LCD	6912V00006C	122.00
32-23560	E44W48LCD	6912V00006C	122.00
32-23560	M52W56LCD	6912V00006C	122.00
32-23560	RU44S280L	6912V00006C	122.00
32-23560	RU48S240	6912V00006C	122.00
32-26450	RU44S251D	6912B22007A	122.00
32-26450	RU44S261D	6912B22007A	122.00
32-26450	RU44S263D	6912B22007A	122.00
32-26450	RU52S251D	6912B22007A	122.00
32-26450	RU52S261D	6912B22007A	122.00



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Section 7 Audio/Video Service Products

MCM Stocks a huge assortment of universal and direct replacement remotes.

#32-24205



#32-27140

#32-27145

Original Samsung Color Wheels

•For model information, visit MCMelectronics.com

Order #	Mfr. #	VIP
32-24205	BP96-00250A	\$81.14
32-27140	BP96-01103A	89.00
32-27145	BP96-01579A	89.00
32-24845	BP96-00674A	103.49



Optoma

Original Lamps

Order #	Projector Compatibility	VIP
BL-FP200B	DV10 "MovieTime"	\$375.44
BL-FP200C	HD32/HD70/HD7000	320.49
BL-FP230C	TX800/DX205/EP749	354.51
BL-FS180B	EP721/TS721/EP620/EP727/TX727	179.00
BL-FS180C	HD65/HD640	199.00
BL-FS300B	EP910/HD81/HD80/HD81-LV/HD8000	469.00
BL-FU180A	EP719/EP716/TS400/TX700	354.51



Walkman Type Cassette Square Belt Kit

- Set of square replacement belts for Walkman stereos
- Includes ten different sizes

Order #	Reg.	VIP
42-990	\$6.19	\$3.99



Turntable Belt Kit

Kit contains:

- One each of the five most commonly used belts

I.C.	Width	Thickness	I.C.	Width	Thickness
20.7"	.250"	.020"	35.1"	.250"	.020"
23.6"	.250"	.020"	38.8"	.250"	.020"
25.0"	.250"	.020"			

Order #	Reg.	VIP
42-950	\$20.39	\$15.95



RCA Original "F" Type Connector

- Popular PCB mounted "F" connector

Order #	VIP
215543	\$1.87



RCA Original High Voltage Transformers

Order # VIP

231449	\$15.99
244229	15.99
244247	24.99
244859	10.79
259296	29.99

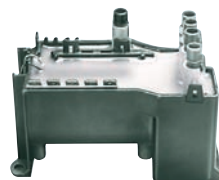


Cassette Square Belt Kit

- One each of the ten popular sizes of square belts used in many cassette decks

I.C.	Thickness	I.C.	Thickness	I.C.	Thickness
2.60"	.046"	7.50"	.046"	11.00"	.046"
3.40"	.046"	8.00"	.062"	12.40"	.06"
4.65"	.046"	8.60"	.040"		
5.10"	.046"	9.81"	.062"		

Order #	Reg.	VIP
42-960	\$7.90	\$6.29



RCA Original High Voltage Splitter

Order #	VIP
205064	\$44.00



RCA Six Device Universal Remote Control

- Performs most basic functions for any brand TV
- Includes instructions for programming
- Controls most RCA televisions right out of the box
- Requires two "AA" batteries (not included)

Order #	VIP
240967	\$7.19



RCA Original Replacement Remote Control

Order #	VIP
240895	\$18.77



SONY PS3 Replacement Blu-Ray Remote

- Bluetooth remote
- Enables Blu-Ray and DVD disc playback
- Enables all media features of the PS3 gaming system
- Mfr. #711719804604

Order #	VIP
32-26451	\$25.54



A



B



C



D



E



F



G

Wish you still had the remote that came with your TV or A/V component? Do you miss all the functions of your original remote that a universal remote just can't do? MCM will make you smile again with our extensive line of original remote controls. We have access to the full line of remotes from the manufacturers listed to the right.

Just a sampling is shown!

So if you don't see the remote you need, please contact our friendly account representatives for assistance or visit our website for our complete line.

Order #	Reg.	VIP
Dynex (A)		
TV-5620-48	\$13.95	\$12.43
Insignia (B)		
07640KL050	6.25	2.13
Panasonic (C)		
P-EUR501455	8.22	6.69
P-EUR7737220	45.90	41.14
P-EUR7613240	21.10	17.19
ProScan (D)		
ONEW-RMT-0258	22.72	17.00
ONEW-RMT-0068	23.86	17.00

Order #	Reg.	VIP
RCA (E)		
267163-EX	\$23.47	\$10.00
257003 RCA	17.05	17.05
273015	11.81	9.00
Sharp (F)		
RRMGA667WJSA	20.99	11.98
Sylvania (G)		
NF000UD	38.79	31.16
NF018UD	38.79	31.16

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Batteries and Power Products

Section
8

MCM carries all types and sizes of batteries for your needs.



Panasonic

Bulk Packaged Alkaline Batteries

Save money by purchasing batteries in bulk. Panasonic batteries provide the highest usage life in primary batteries and have a five-year storage life.

Order #	Description	Reg.	VIP
292-315	"AA" cell 24/pk	\$12.79	\$9.79
292-320	"AAA" cell 48/pk	30.59	29.84

Panasonic Alkaline Batteries

Panasonic alkaline batteries provide the highest usage life in primary batteries, the best performance at low temperatures, and still maintain a five-year storage life. They work best in personal stereos, cameras, radio control toys and other personal appliances.

Order #	Size	Qty.	Reg.	VIP
292-005	"D"	2	\$3.39	\$2.99
292-010	"C"	2	3.09	2.99
292-020	"AA"	4	2.09	1.79
292-025	"AAA"	2	2.09	1.29
292-030	"AAA"	4	2.59	1.79



Energizer Alkaline

•Formulated to provide long-lasting dependable power
•100% mercury free •Recommended for heavy drain, frequently used devices including portable radios, flashlights and motorized toys

Order #	Size	Qty.	Reg.	VIP
291-005	"AAAA"	2	\$2.99	\$2.29
291-015	"AAA"	4	6.19	3.99
291-020	"AAA"	8	8.99	6.99
291-030	"AA"	4	5.09	3.99
291-035	"AA"	8	8.99	6.99
291-045	"C"	4	7.99	6.99
291-055	"D"	4	7.49	6.99
291-060	9V	1	4.09	3.49
291-070	"N"	2	2.99	2.49



Energizer Industrial Energizer

•Alkaline •For heavy drain and temperature extremes
•Bulk packaging for greater savings!

Order #	Size	Pkg. Qty.	Price Per Pkg.	Reg.	VIP
291-150	"AAA"	12	\$10.19	\$5.99	
291-155	"AA"	4	3.59	1.99	
291-160	"C"	12	13.29	9.99	
291-165	"D"	12	13.29	9.99	
291-170	9V	12	23.49	16.95	



maxell Bulk "AA" and "AAA" Alkaline Batteries

Manufactured to the highest standards in the industry, Maxell's alkaline batteries provide unrivaled value. Save money by buying in bulk, and never worry about running out of batteries again.

Order #	Size	Qty.	Reg.	VIP
297-0005	"AA"	20	\$6.69	
297-0015	"AAA"	20	7.69	
297-0020	"AAA"	36	10.70	
297-0025	"AA"	48	15.99	



DURACELL ProCELL Alkaline Batteries

The #1 rated batteries by AV and broadcast professionals. ProCell batteries can last up to seven years. These batteries can operate in temperatures of -20°C~54°C. They can last up to ten times longer than super heavy-duty zinc carbon batteries in power demanding applications.

Order #	Size	Qty.	Reg.	VIP
293-255	"D"	1	\$1.19	\$0.99
293-260	"C"	1	1.09	0.99
293-275	9V	1	2.09	1.99
Order #	Size	Qty.	Reg.	VIP
293-400	"AA"	4	\$2.19	\$1.79
293-405	"AAA"	4	2.19	1.79

Bulk Packaged Alkaline Batteries

Save money by buying batteries in bulk.

Order #	Description	Reg.	VIP
Master Pack Quantities (inner cartons of 12)			
293-305	"D" 72/box	\$50.99	\$49.99
293-310	"C" 72/box	50.99	49.99
293-315	"AA" 144/box	48.99	47.99
293-320	"AAA" 72/box	25.49	24.99
293-325	9V 72/box	99.99	97.99

Rechargeable Nickel-Metal Hydride Batteries

Nickel-Metal Hydride (Ni-MH) rechargeable batteries are one of the most advanced rechargeable battery systems commercially available and offer several advantages over today's ordinary nickel-cadmium (Ni-Cd) rechargeable batteries, including up to 40% longer service life. Ni-MH rechargeable batteries are also an environmentally friendlier alternative to Ni-Cd batteries.

Order #	Description	mAh	MSRP	Reg.	VIP
29-4275	"AA" single	2300	\$4.99	\$2.09	\$1.69
29-4280	"AAA" single	900	4.99	1.69	1.29



Energizer Rechargeable Batteries and Chargers

High-capacity cells provide exceptional power per charge and up to 1,000 recharges. And since they're renewable and reusable, Energizer® Rechargeable™ batteries are a good economic and environmental choice.

Order #	Mfr. #	Description	Capacity	VIP
Batteries				
291-740	NH15	"AA" 2pk	2500mAh	\$6.49
291-745	NH15	"AA" 4pk	2500mAh	13.29
291-750	NH12	"AAA" 2pk	850mAh	6.69
291-760	NH35	"C" 2pk	2500mAh	9.39
291-765	NH50	"D" 2pk	2500mAh	9.39
Chargers				
Order #	Mfr. #	Charger	VIP	
291-775	CCHFC	"AA", "AAA", 9V, "C", "D"	\$20.99	
291-925	CHDCWOB	"AA", "AAA"	10.99	
291-995	CH15MNCP4	15 minute charger includes four "AA" and "AAA"	31.99	
291-1065	CHFC	"AA", "AAA" 9V, "C", "D"	23.99	
291-1075	CHDCWB-4	2 x "AA" and 2 x "AAA"	16.99	

"EnergyOn" Nickel-Metal Hydride Batteries

•Use the newest technology in rechargeable Ni-MH batteries •EnergyOn batteries are fully charged upon arrival and ready for use •With up to 70% of capacity remaining after one year, these batteries are perfect for travel •Ni-MH rechargeable batteries are also an environmentally friendlier alternative to Ni-Cd batteries and standard "AA" and "AAA" batteries

Order #	Description	mAh	MSRP	Reg.	VIP
29-4285	"AA" single	2000	\$5.99	\$3.09	\$2.19
29-4290	"AAA" single	750	4.99	2.09	1.69



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Batteries and Power Products

Powerful batteries for any situation.



DURACELL® Button Cells

Popular Lithium button cells used in watches, calculators, keyless entry remote controls, computers and many other devices.

Order #	Mfr. #	Reg.	VIP
293-070	DL1/3N	~~\$4.09~~	\$3.99
293-105	DL2016	~~1.39~~	1.29
293-110	DL2025	~~1.39~~	1.29
293-115	DL2032	~~1.39~~	1.29
293-120	DL2430	~~1.49~~	1.39
293-125	DL2450	~~2.69~~	2.59



NP Series - General Purpose Float and Cyclic Sealed Lead-Acid Batteries

Offering a complete line of rechargeable batteries for a wide variety of applications. Use as a supply of back-up energy, or as a portable power source. The NP series can be stored, charged, or operated in any position without leakage. Qualified to non-spillable UN2800 standards. Standard housing is ABS resin. A flame-retardant version (to UL94-VO) is also available.



Order #	Type	Voltage	Nom. Cap. @ 10 hr. Rate (Ah)	Dimensions (H) x (L) x (W)	Weight (lbs.)	Terminals	VIP
29-970	NP1-2-6	6V	1.2	2.15" x 3.82" x 0.98"	0.66	Faston Tab 0.187	\$10.99
29-3810	NP3-6	6V	3.0	2.52" x 5.28" x 1.33"	1.43	Faston Tab 0.187	18.99
29-775	NP4-6	6V	4.0	4.15" x 2.76" x 1.85"	1.87	Faston Tab 0.187	9.99
29-780	NP7-6	6V	7.0	3.84" x 5.95" x 1.33"	2.98	Faston Tab 0.187, 0.250 opt.	14.99
29-785	NP10-6	6V	10.0	3.84" x 5.95" x 1.97"	4.41	Faston Tab 0.187, 0.250 opt.	20.99
29-3825	NP0.8-12	12V	0.8	2.42" x 3.78" x 0.98"	0.77	JST VHR-2N	29.99
29-880	NP1.2-12	12V	1.2	2.15" x 3.82" x 1.89"	1.25	Faston Tab 0.187	14.99
29-3830	NP2-12	12V	2.0	3.50" x 5.91" x 0.79"	1.54	Faston Tab 0.187	33.99
29-975	NP2.3-12	12V	2.3	2.52" x 7.01" x 1.34"	2.05	Faston Tab 0.187	22.99
29-790	NP4-12	12V	4.0	4.17" x 3.54" x 2.76"	3.74	Faston Tab 0.187	26.99
29-795	NP7-12	12V	7.0	3.84" x 5.94" x 2.56"	5.84	Faston Tab 0.187, 0.250 opt.	19.99
29-3840	NP12-12	12V	12.0	3.86" x 5.94" x 3.86"	8.82	Faston Tab 0.250	44.99
29-3850	NP24-12B	12V	24.0	4.92" x 6.54" x 6.89"	19.10	0.216 Bolt terminal	83.99
29-3860	NP38-12	12V	38.0	6.89" x 7.74" x 6.50"	30.40	0.260 Bolt terminal	119.99



Panasonic® Alkaline Cells

Alkaline cells provide an economical alternative to silver oxide batteries, while still allowing for a wide range of operation at high capacity.

Order #	Mfr. #	Volts	Price Per Pkg.	VIP
292-200	LR-44	1.5	~~\$1.29~~	\$1.19
292-185	G-13PA	1.5	~~3.49~~	2.99



Energizer® Watch Batteries (Button Cell)

Order #	Eveready #	Duracell #	Maxell #	Panasonic #	Ray-O-Vac #	Reg.	VIP
291-285	315	D315	SR716SW	SP315	315	-	\$2.39
291-290	317	D317	SR516SW	SP317	317	~~\$1.29~~	1.19
291-295	319	D319	SR527SW	SP319	319	~~1.29~~	1.19
291-300	321	D321	SR616SW	SP321	321	~~1.59~~	0.99
291-305	329	D329	SR731SW	-	329	~~1.39~~	1.29
291-345	357-303TS	D357	SR44W	SP357	357	~~2.59~~	1.29
291-355	362-361TS	D362	SR721SW	SP362	362	~~1.10~~	0.99
291-360	364-363TS	D364	SR621SW	SP364	364	~~0.79~~	0.59
291-375	370-371TS	D370	SR920W	SP370	370	~~0.89~~	0.69
291-380	370-371TS	D371	SSR920SW	SP371	371	~~0.89~~	0.69
291-390	377-376TS	-	SR626W	SP376	-	~~1.09~~	0.76
291-400	379	D379	SR521SW	SP379	379	~~1.29~~	0.99
291-415	386-301TS	D386	SR43W	SP386	386	~~1.19~~	0.99
291-430	391-381TS	D391	SR1120W	SP391	391	~~1.29~~	0.99
291-435	392-384TS	D392	SR41W	SP392	392	~~2.29~~	0.79
291-440	393	D393	SR754W	SP393	393	~~1.29~~	1.19
291-445	392-384TS	D394	SR936SW	-	394	~~1.09~~	0.89
291-450	395-399TS	D395	SR927SW	SP395	395	~~2.19~~	1.19
291-455	397-396TS	D396	SR726W	SP396	396	~~1.69~~	0.99
291-460	397-396TS	D397	SR726SW	SP397	397	~~1.59~~	0.99
291-465	395-399TS	D399	SR927W	SP399	399	~~1.49~~	1.19



CSB Sealed Lead Acid Batteries

CSB batteries are used for UPS, emergency lighting, security and any floating application. Maximum charging current is nominal capacity times 0.3. All dimensions are in inches.

Order #	Mfr. #	Capacity	Dimensions (L) x (W) x (H)	Contact*	VIP
6 Volt					
29-3085	GP645	4.5Ah	2.76 x 1.89 x 4.02	A	\$9.99
29-3090	GP672	7.0Ah	5.94 x 1.34 x 3.70	A	13.99
29-3100	GP6120F2	12.0Ah	5.94 x 1.97 x 3.70	B	18.99
12 Volt					
29-3110	GP1222	2.2Ah	7.01 x 1.34 x 2.36	A	17.99
29-1335	GP1245	4.5Ah	3.5 x 2.75 x 4.0	A	28.99
29-3120	GP1270F2	7.2Ah	5.95 x 2.56 x 3.70	B	22.99
29-3125	GP12110F2	11.0Ah	5.94 x 3.98 x 3.70	B	37.99
29-3130	GP12170	17.0Ah	7.13 x 2.99 x 6.57	C	57.99
29-3135	GP12260	26.0Ah	6.54 x 6.89 x 4.92	C	79.99

*Contact: A = .187" disconnect, B = .250" disconnect, C = bolt and nut



Battery Tester

- Use with most popular rechargeable and standard batteries •Tests batteries under load conditions
- Easy-to-read meter indicates battery condition at a glance

Order #	VIP
29-1050	\$6.59



Energizer® Energizer Hearing Aid Batteries

High energy, long lasting batteries for use in most common hearing aids.

Order #	Size	Pkg. Qty.	Price Per Pkg.	VIP
291-525	AZ675E-4	4	~~\$5.19~~	\$4.94
291-540	AZ312E-4	4	~~5.49~~	4.99
291-940	AZ13E-4	4	~~5.09~~	4.69



Energizer® Lithium

- High energy, long life power source •Good low and high temperature operations
- Recommended for calculators, cameras, memory back-up, pagers and watches

Order #	Eveready #	Duracell #	Maxell #	Panasonic #	Ray-O-Vac #	Reg.	VIP
291-470	ECR1216	-	-	CR1216	-	~~\$1.89~~	\$1.29
291-475	ECR1220	DL1220	CR1220	CR1220	-	~~1.49~~	1.19
291-485	ECR1616	-	CR1616	CR1616	-	~~1.89~~	1.29
291-490	ECR1620	DL1620	CR1620	CR1620	CR1620	~~2.09~~	1.29
291-495	ECR2012	-	CR2012	CR2012	-	~~2.40~~	1.69
291-500	ECR2016	DL2016	CR2016	CR2016	-	~~1.59~~	0.99
291-505	ECR2025	DL2025	R2025	CR2025	CR2025	~~1.59~~	0.99
291-510	ECR2032	DL2032	CR2032	CR2032	CR2032	~~1.69~~	0.99
291-520	ECR2430	DL2430	CR2430	-	CR2430	~~1.69~~	1.29

NEW!



Stellar Labs™ Power+

Intelligent Quick Charger

•Charge two or four pieces "AA" or "AAA" Ni-MH or Ni-CD rechargeable batteries •Microprocessor controlled fast and safe charging •Negative delta voltage detection •Safety timer •Reverse polarity protection •Short circuit protection •Overcharging protection •LED charge indicator •Does not include batteries

Battery	Capacity	Charging Time
"AA"	2100mA	280mins
"AA"	2300mA	300mins
"AAA"	800mA	110mins

Order #	VIP
29-4560	\$9.99



Stellar Labs™ Power+

NEW!

Two Hour Rapid Charger with LCD Display

•Charge any combination of 1~4 "AA" and/or "AAA" rechargeable Ni-MH or Ni-CD batteries •100~240VAC autoswitching adapter for worldwide usage •Automatic charge cut-off for safety •Built in micro-controller ensures a full, safe charge •Thermal overheat detection/protection •Back-up safety timer •Does not include batteries

Battery	Capacity	Charging Time	Charging Time
"AA"		1~2 pieces	3~4 pieces
	2300mA	150mins	300mins
	2500mA	165mins	330mins
	2700mA	180mins	360mins

Battery	Capacity	Charging Time	Charging Time
"AAA"		1~2 pieces	3~4 pieces
	900mA	125mins	250mins
	1000mA	140mins	280mins

Order #	VIP
29-4565	\$15.99



Stellar Labs™ Power+

USB Quick Charger

•Charges two "AAA" Ni-MH, Ni-CD rechargeable batteries •Microprocessor controlled for intelligent charging •Built-in safety timer control •Short circuit and overcharge protection •Specially designed for rapid recharging of batteries for use in Digital Cameras, Tops, MP3, Handheld PCs, PDAs, FRS Radios and etc. •LED charge indicator light •Does not include batteries

Order #	VIP
29-4575	\$3.99

Batteries and Power Products

MCM carries all types and sizes of batteries for your needs.

Section 8

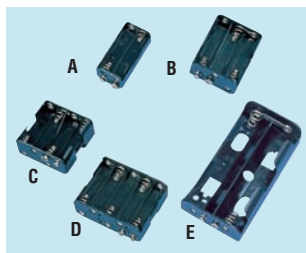


Battery Holders

•Commonly used in radios and other portable electronics •Ideal for electronic projects

Order #	Holds	Connectors	Reg.	VIP
27-1320	(2) "AA"	9V type	\$1.19	\$0.29
29-630	(4) "AA"	9V type	1.59	0.99
27-1335	(8) "AA"	Leads	1.99	0.69
29-1360	(4) "D"	Leads	1.69	0.99
29-130*	(1)	9V Clip	0.60	0.13
29-1045*	(1)	9V Clip	0.60	0.19
29-1675	CR2032	Spring clip	0.99	0.49

*Minimum ten



Battery Holders

High-quality plastic battery holders for repair and hobby applications. 9V type snap. Color is black. Five per package.

Fig.	Order #	Qty / Description	Reg.	VIP
A	BT00827	4/"AA"	-	\$1.39
B	BT00837	6/"AA"	\$4.99	3.79
D	BT00802	10/"AA"	-	7.49
E	BT00835	4/"D"	-	10.58

Stellar Labs™ Power+

Two Hour Rapid Battery Charger

•Charges two "AA" and/or "AAA" rechargeable Ni-MH or Ni-CD batteries •Microprocessor controlled fast and safe charging •Temperature control •Safety timer •Short circuit and overcharge protection •Universal AC voltage (100~240V) •Foldable AC plug •Does not include batteries

Order #	VIP
29-4570	\$11.99

Battery Charger

Plug in type battery charger for one or two 9V batteries. Charging current is 15mA.

Order #	VIP
29-3305	\$2.99



Five Hour Ni-MH Battery Charger with Four "AA" Batteries

Rechargeable NiMH batteries are great for digital cameras and other high drain devices. This dual action charger will charge both "AA" and "AAA" batteries up to four at a time. This unit includes four high capacity 1800mAh "AA" batteries.

Order #	Reg.	VIP
29-4130	\$16.99	\$15.99



NEW!

maxell

Battery Chargers

Designed to charge both "AA" and "AAA" batteries. 297-0030: Compact charger with two 2100mAh "AA" batteries and USB output 297-0040: Four hour fast charger with four 2100mAh "AA" batteries and USB output

Fig.	Order #	Mfr. #	VIP
A	297-0030	BC-100	\$18.99
B	297-0040	BC-300	24.99



NEW!



STREAMLIGHT

Pink ProPolymer Flashlight

This flashlight features a xenon gas filled bi-pin bulb which delivers 4,500 candela peak beam intensity and 9 lumens. Powered by 2 "AA" alkaline batteries, it provides a runtime of up to 4 continuous hours. Sales from the Pink ProPolymer will help light the way to a cure; \$1 from each light sold will be donated to the Breast Cancer Research Foundation.

Order #	VIP
67023	\$17.99



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Batteries and Power Products

LED flashlights brighten your day.



DURATOOL 28 LED Super Bright Pocket Flashlight

•Super bright twenty eight LED flashlight is portable •Great for tool or glove boxes •Knurled barrel for

extra grip •Rubber O-ring for water protection •Rubber push button on/off •Three "AAA" batteries included •Dimension: 1.81" (dia) x 5.43" (L) •Gun metal color

Order #	MSRP	VIP
29-4460	\$19.95	~~\$9.99~~



DURATOOL 32 LED Super Bright Pocket Flashlight

•Super bright

thirty two LED flashlight is heavy-duty light perfect for a tool box •Rugged, machined construction with knurled design •Rubber O-ring for water protection •Rubber push button

on/off •Requires three "D" cell batteries (not included) •Dimension: 2.28" (dia) x 12.24" (L) •Black color

Order #	MSRP	VIP
29-4465	\$39.95	~~\$14.99~~



DURATOOL 9 LED Super Bright Pocket Flashlight

•Super bright 9 LED flashlights are small enough to fit in pocket, tool box, or glove box •Brushed barrel for extra grip •Rubber O-ring for water protection •Rubber push button on/off •Three "AAA" batteries included •Dimension: 1.18" (dia) x 3.93" (L)

•Choice of colors: Silver, red and blue

Order #	Color	MSRP	VIP
29-4445	Silver	\$9.99	~~\$2.99~~
29-4450	Red	9.99	~~2.99~~
29-4455	Blue	9.99	~~2.99~~



DURATOOL Two in One LED Flashlight and Laser

•Super bright LED flashlight is portable enough to fit in pocket, tool box, or glove box •Magnetic base for easy placement •Flexible neck for ease of use •Built-in laser for diagnostic or identification •Includes three extra LR44 batteries •Dimensions: 2.65" x .75" (base)

Order #	MSRP	VIP
29-4495	\$9.95	~~\$1.99~~



Pink Nano Light Mini LED Keychain Flashlight

For every pink Nano light sold, Streamlight, Inc. will donate \$1 to the breast cancer research foundation.

Features: •Machined aluminum housing •100,000 hr. lifetime high-intensity white LED •Powered by four alkaline button cells (included), with up to eight hour runtime •Dimension: 1.47" x .51"

Order #	VIP
73003-01	~~\$6.99~~



Stylus® Penlight

The elegant Stylus® combines the convenience of an ultra-slim pen light with a high intensity LED which lasts 100,000 hours and will operate 10 hours continuous on "AAAA" alkaline batteries. Perfect for tactical use and covert operations, while preserving precious night vision. Its waterproof, machined aluminum case has a momentary blink switch plus constant on. Each Stylus® is individually serialized and features a pocket clip as well as a lifetime warranty. Operates on three "AAAA" batteries, included.

Order #	Body Color	LED Color	VIP
65004	Black	Orange	~~\$12.99~~
65006	Black	Red	~~12.99~~
65018	Black	White	~~12.99~~
65012-01	Silver	White	~~12.99~~
65024	Gold	White	~~12.99~~
65028	Gold	Blue	~~12.99~~
65069-01	Black	UV	~~15.99~~



Stylus Reach® LED Flashlight

The Stylus Reach® has the same great features as the Stylus® but has a flexible cable extension, allowing you to get deep into the tightest spots. With a waterproof, aircraft aluminum casing and a tough PVC shielded cable, the Stylus Reach is built to illuminate those unforgiving, hard-to-reach areas. It's unbreakable, 100,000-hour LED which never needs replacing is available in white or blue.

Order #	Body Color	LED Color	Reg.	VIP
65658	Black UL listed	White	~~\$22.49~~	~~\$17.99~~
65622	Black	Blue	~~22.49~~	~~17.99~~
65616	Silver	Blue	-	~~22.49~~
65612	Silver	White	~~22.49~~	~~17.99~~



Nanolight® LED Flashlight

Truly tiny, the Nanolight® is a weatherproof, personal flashlight featuring a 100,000 hour life LED. Includes a non-rotating snap hook for easy one handed operation when attached to a keychain Features: •Powered by four alkaline cells (included) •Up to eight hours of run time •Length: 1.47" •Weight: 0.36 oz.

Order #	VIP
73001-02	~~\$5.99~~



Streamlight Jr.® LED Flashlight

Features: •Powered by two "AA" alkaline batteries (included) •1W C4 LED, 50,000 hr. LED •Up to four hours of run time to the 10% output level •Push-button tailcap: Steady on and momentary on/off operation •Length: 6.5", weight: 3.8 oz.

Order #	VIP
71500	~~\$30.59~~



Stylus Pro™ LED Flashlight

Streamlight's new high flux LED light with Proprietary Micro Optical Systems has "Battery-Booster" electronics to provide a super-bright beam. Features: •Up to 24 lumens output for up to 7.5 hours runtime •Super-bright 1/2W, 30,000 hour high flux LED •Type II MIL-SPEC abrasion and corrosion-resistant anodized aircraft aluminum •Length: 5.3" •Weight: 1.64 oz.

Order #	VIP
66118	~~\$19.99~~



Microstream® LED Flashlight

Streamlight's new high flux LED light with Proprietary Micro Optical Systems has "Battery-Booster" electronics to provide a super-bright beam.

Features: •Up to 20 lumens output for up to 1.5 hrs runtime •Super-bright 1/2 watt, 30,000 hour high flux LED •Type II MIL-SPEC abrasion and corrosion-resistant anodized aircraft aluminum •Length: 3.5" •Weight: 1.04 oz.

Order #	VIP
66318	~~\$12.99~~

MCM

Universal, Digital Camera, AC Power Adapter

•For use with many digital cameras
Features: •Foldable plug for easy storage •Tips for most devices
Power ratings: •Input: 100~240VAC, 60Hz/50Hz •Output: 3.3V~8.4V DC, selectable up to 2500mA
 •Includes six interchangeable tips

Order #	Reg.	VIP
28-10650	\$18.39	\$12.99



Notebook Power Adapter

•For use with laptops or other high power devices
Features: •AC/DC power and charging functionality •LED indicates unit status •Power ratings: 100~240VAC, 60Hz/50Hz •Output: 19VDC 4.74A, 90W maximum •Includes six interchangeable tips •Mfr. #PNA0900122

Order #	Reg.	VIP
28-10980	\$50.99	\$35.99



Popular Polarized Power Cord

Used by many manufacturers including Sony, Sharp and Magnavox. 18 gauge, 6' length, SPT-2 jacket. Used in many portable electronic devices.

Order #	Reg.	VIP
23-275	\$4.09	\$2.52



Computer Power Cords

•Power cords used by many computer and test equipment manufacturers •18 gauge

Fig.	Order #	Length	Reg.	VIP
A	23-145	3'	\$3.09	\$1.89
A	23-130	6'	4.19	1.89
A	23-146	1'	2.59	1.29
A	23-200	10'	6.69	2.79
B	23-180	3'	4.49	1.89
B	23-185	6'	5.19	1.89
IEC320 CS Coverleaf				
C	23-737	3'	1.59	1.39
C	23-738	6'	4.09	2.99



6' Extension Cord

•Choose from 14 gauge or 16 gauge cords •UL approved

Order #	Gauge	Reg.	VIP
28-11067	16	\$14.29	\$4.99
28-11068	14	17.39	5.99



Batteries and Power Products

Section
8

Power up your devices with these products.

Tips shown actual size

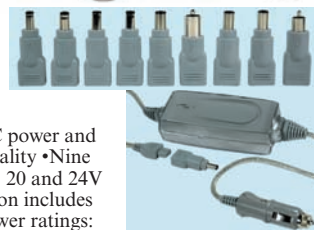


MCM

Universal Laptop Power Adapters

Features: •AC/DC power and charging functionality •Nine tips for 15, 16, 19, 20 and 24V devices •DC version includes airplane plug •Power ratings: #28-10655 input 100~240VAC, 60Hz/50Hz, #28-10660 input: 11.8~16VDC •Output: 15V~24VDC, selectable via tips up to 70W

Order #	Adapts	Reg.	VIP
28-10655	AC/DC	\$54.09	\$29.99
28-10660	DC/DC	48.99	29.99



Ultra Compact AC Adapters

UL and CSA listed AC to DC switching power supply suitable for security cameras and other portable electronic devices. Light weight, compact and efficient switch mode design incorporates highly regulated output within $\pm 0.25V$ of rated output, even with no load. Input: 100V~240V 50~60Hz. Output: 12VDC. 5' output cord with 5.5mm x 2.1mm center positive coaxial DC power plug.

Fig.	Order #	Output	VIP
A	82-11320	500mA	\$4.99
B	82-11321	1.0A	9.99
C	82-11322	1.5A	12.99

Universal DC Adapter

•DC adapter with cigarette lighter socket •Use DC devices around the world •Voltages: 12VDC or 100~240VAC input, 13.5VDC 1A output •Includes UK plug adapter, other countries available

Order #	Reg.	VIP
28-11000	\$13.29	\$10.99



3 Conductor AC Power Cords for Wall-Mount Flat Panel HDTVs

Specifically designed in short lengths to reduce wire clutter, these UL and CSA certified power cords are great for connecting power to new wall-mounted, flat panel HDTVs. **Specifications:** •Foil shielded 16AWG/3C •SJT oil-resistant outer jacket •NEMA 5-15 right-angle male to IEC 320 C13 female •1625W/13A/125V current rating

Order #	Length	VIP
23-750	1.5'	\$3.99
23-755	3.0'	4.99



6' Three Outlet Extension Cord

•14 gauge cord •NEMA 5-15P to three NEMA 5-15R cable •UL approved

Order #	Reg.	VIP
28-11070	\$20.39	\$7.99



3-Conductor Power Cords

Molded PVC grounding connector, PH-386, IEC 320-C-13, NEMA 5-15P molded vinyl grounding plug. UL listed. CSA certified.

Order #	Mfr. #	Rating	Length	Cord	Reg.	VIP
Beldfoil Shielded						
23-490	17601	1250W/10A	9'10"	SJT	\$12.79	\$9.99
23-495	17602	1625W/13A	6'7"	SJT	11.79	9.99
23-525	17742	1250W/10A	6'7"	SVT	6.61	3.99
Unshielded						
23-560	17501	1250W/10A	9'10"	SJT	6.19	4.99



AC/DC Adapter with USB Outlet

•Combination AC and DC adapter with female USB socket •Input plug folds flat for travel •Voltages: 12VDC or 100~240VAC input, 5VDC 1A output •Compatible with Magellan™ GPS, Blackberry™ and Motorola Razor™ as well as other USB powered devices

Order #	Reg.	VIP
28-10999	\$8.19	\$6.99



Stellar Labs™ Power+

Flat Panel Extension Cord with Rotating Plug

•Convert standard AC power cord to a slim right-angled plug •Perfect when installing a flat panel TV on a wall or placing a desk or piece of furniture close to a wall •360° rotating plug provides angular flexibility •14AWG cable •UL listed •15A, 125V, 1875W

Order #	Length	VIP
28-11104	6'	\$3.99
28-11105	12'	4.99



Multi Voltage Regulated AC/DC Power Supply

•Ideal for any device drawing up to 2A •Fully regulated to deliver constant DC power •Rotary selector switch selects 3, 4 1/2, 6, 7 1/2, 9 and 12V •Power projects or small battery operated devices •Color coded binding posts makes connection easy

Order #	Reg.	VIP
28-2200	\$28.59	\$14.99



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Batteries and Power Products

Protect your equipment with these value priced surge strips.



Stellar Labs™ "Green Power" Smart Home Power+ Theater Surge Protector

It is estimated that seven percent of the world's electricity usage is consumed by electronics in standby mode. The five "Green Power" outlets on this surge protector monitor power usage, and when consumption drops 70% from peak for 3 minutes, the outlets automatically switch off, saving you money and reducing harmful carbon emissions. Three "Always On" outlets are included for your CATV box, DVR, or any other device that needs to always be on. The "Green Power" outlets are perfect for your DVD player, VCR, A/V receiver, or any other component that still functions normally without having to drain electricity while in standby mode. **Specifications:** • "Green Power" outlets switch on when IR signal is detected • LED current meter • 4320 joules • EMI/RFI noise filtration • LED status indicators • Dual 2.4GHz coax protection • RJ-11/45 surge protection • External IR receiver connection allows for concealed installation • 8' 14AWG power cord • Piano black finish **Includes:** • Two coaxial cables • Cat 5 cable • RJ-11 telephone cable • Owners manual

Order #	MSRP	VIP
28-11109	\$59.95	\$36.99



Power Strips

• ABS fire retardant plastic case • Convenient slim design • Safety circuit breaker prevents overload by automatically cutting off electrical flow • 6' grounded cord • Lighted rocker switch • Rated at 15A, 125VAC • UL listed

Order #	Outlets	Reg.	VIP
28-1480	6	\$8.69	\$6.99
28-1485	8	7.19	6.99



DURATOOL Eight Outlet Power Strip with Cord Management

• Ideal for the workshop and jobsite • Three transformer spaced outlets • Five standard spaced outlets • Heavy-duty metal housing • Lighted on/off power switch • Easy cord wrap for convenient cord management • 6' 14AWG grounded power cord • Designed for indoor use • UL listed

Order #	MSRP	VIP
22-8915	\$29.99	\$12.99



DURATOOL Six Outlet Power Strip with Cord Management

• Ideal for the workshop and jobsite • Two transformer spaced outlets • Four standard spaced outlets • Heavy-duty metal housing • Lighted on/off power switch • Easy cord wrap for convenient cord management • 6' 14AWG grounded power cord • Designed for indoor use • UL listed

Order #	MSRP	VIP
22-8910	\$25.99	\$9.99

Stellar Labs™ Power+ Four Outlet Power Save Surge Protector

- ✓ 2160 joules
- ✓ Smart outlets
- ✓ Coax protection
- ✓ RJ-11 or RJ-45 protection

Featuring two "Power Save" outlets that only provide power when the "Master" device is on, this wall mounted surge protector can help reduce your electricity bill and protect the environment. **Specifications:** • Two power save outlets • One master outlet • One always on outlet • 2160 joules • EMI/RFI noise filtration • LED status indicators (grounded, protected, master outlet status, power save outlet status, always on outlet status) • RJ-11/45 surge protection • 2.4GHz coax protection

Includes: • 6' RG-59 coaxial cable • 6' Cat 5 cable • 6' RJ-11 telephone cable

Order #	MSRP	VIP
28-11107	\$29.95	\$17.99

Stellar Labs™ Power+ Compact Three Outlet Surge Protector

- ✓ 1080 joules
- ✓ 2.4GHz coax protection

Compact size and coaxial line protection make this a perfect surge protection solution for a wall mounted television. **Specifications:** • EMI/RFI filtration • Two fixed outlets, one rotating outlet • Rotating coaxial input and output • 1080 joules • LED protection status light • 6' coaxial cable included

Order #	VIP
28-11106	\$7.99



Six Outlet Surge Protectors with Metal Housings

✓ 90 or 270 Joules

• Grounded metal housing • 15A circuit breaker • Illuminated on/off switch • 330V clamping voltage • 125V/15A/1875W • Right angle plug • EMI/RFI filter and LED surge indicator on #28-1470 only

Order #	AC Lines Protected	Joules	Cord Length	Reg.	VIP
28-1470	3	270	6'	\$16.39	\$9.99
28-5535	1	90	4'	13.29	9.99



Six Outlet Surge Protector

✓ 90 Joules

• 330V clamping voltage • AC 125VAC/15A • Lighted power switch

Order #	Reg.	VIP
28-8470	\$7.59	\$6.99



Stellar Labs™ Power+ Eight Outlet Power Save Surge Protector

✓ 2160 joules
✓ Smart outlets
✓ Dual coax protection
✓ RJ-11 or RJ-45 protection

Featuring five "Power Save" outlets that only provide power when the "Master" device is on, this surge protector can help reduce your electricity bill and protect the environment. **Specifications:** • EMI/RFI noise filtration • Five power save outlets • One master outlet • Two always on outlets • 2160 joules • EMI/RFI noise filtration • LED status indicators (grounded, protected, master outlet status, power save outlet status, always on outlet status) • RJ-11/45 surge protection • Dual 2.4GHz coax protection • 6' power cord **Includes:** • 6' Cat 5 cable • 6' RJ-11 telephone cable

Order #	VIP
28-11108	\$22.99



Stellar Labs™ Power+ Six Outlet Power Save Surge Protector

- ✓ 2160 joules
- ✓ Smart outlets
- ✓ RJ-11 protection

Perfect for an office environment, these surge protectors feature five "Power Save" outlets that only provide power when the "Master" device is on, helping to reduce your electric bill and protect the environment. **Features:** • Four power save outlets • One master outlet • One always on outlet • 2160 joules • LED status indicators (grounded, protected, master outlet status, power save outlet status, always on outlet status) • RJ-11 surge protection • 6' power cord **Includes:** • 6' RJ-11 telephone cable

Order #	VIP
28-11112	\$12.99



III Woods® Three Outlet Household Extension Cords

• 16 gauge, two conductor wire • 125V, 13A • Includes safety cover for unused outlet

Order #	Length	Color	Reg.	VIP
28-8461	6'	Brown	\$2.69	\$2.49
28-8462	6'	White	2.59	2.49
28-8463	9'	Brown	3.09	2.59
28-8465	12'	Brown	3.89	3.49
28-8466	12'	White	3.89	3.49



Six Outlet Surge Protector

✓ 270 Joules

• Full three line surge protection • EMI/RFI filter • Integrated circuit breaker switch • LED indicator shows working surge protector circuit • AC 125VAC/15A • 330V clamping voltage • ABS fire retardant plastic case • 6' heavy-duty cord

Order #	Reg.	VIP
28-5515	\$8.69	\$6.99

Three Outlet Surge Suppressor

✓ 90 Joules

• Three outlets • Line to neutral protection mode • Helps protect electronic equipment from voltage transients • 125V, 15A varistor **Specifications:** • Maximum permissible voltage: 225VDC, 175VAC RMS • Maximum surge current: 2500A two times or 4500A one time

Order #	Reg.	VIP
83-755	\$6.13	\$4.99

Batteries and Power Products

Section
8

Replace your worn out AC adapters with an original or one of our universal adapters.



Decor Receptacle and Power Inlet Kit

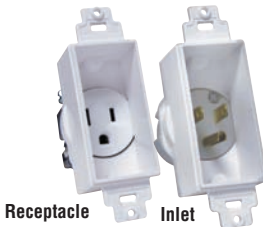
Use MIDLITE®'s innovative patent pending decor recessed receptacle and power inlet, 125V, 15A to install power behind your flat panel TV and audio and video devices. **Features:** •Provides an affordable power solution for wall mounted flat panel TVs •Perfect for retro-fit construction projects •Fits in standard 14 cubic inch electric box •Can be used with remote surge/power conditioner to HDTV •Available in white, light almond, ivory, and black **Includes:** •1-gang decor recessed receptacle •1-gang decor recessed power inlet •Two 1-gang work boxes •6' 14 gauge, 15A black power cord

Order #	Mfr. #	Color	VIP
28-11088	A46-W	White	\$49.99
28-11089	A46-I	Ivory	49.99
28-11090	A46-LA	Light almond	49.99
28-11091	A46-B	Black	49.99



Décor Receptacle and Power Inlets

Use MIDLITE®'s innovative patent pending décor recessed receptacle and power inlet to install power behind your flat panel TV and audio and video devices. 125V, 15A. •Provides an affordable power solution for wall mounted flat panel TVs •Perfect for retro-fit construction projects •Fits in standard 14 cubic inch electric box •Can be used with remote surge/power conditioner to HDTV •Available in white, light almond, ivory, and black



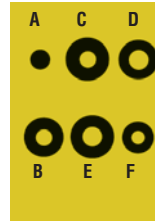
Order #	Mfr. #	Color	VIP
Receptacles			
28-11092	4641-W	White	\$9.99
28-11093	4641-I	Ivory	9.99
28-11094	4641-LA	Light Almond	9.99
28-11095	4641-B	Black	9.99
Inlets			
28-11096	4642-W	White	19.99
28-11097	4642-I	Ivory	19.99
28-11098	4642-LA	Light Almond	19.99
28-11099	4642-B	Black	19.99

Power Port Kit

Use MIDLITE®'s innovative patent pending Power+Port™ Kit—HDTV power solution to install power and A/V cables behind your flat panel TV and audio/video devices. 125V, 15A. **Features:** •Provides an affordable power solution for wall mounted flat panel TVs •Perfect for retro-fit construction projects •Fits in standard 14 cubic inch electric box •Can be used with remote surge/power conditioner to HDTV •Available in white, light almond, ivory, and black **Includes:** •One 2 gang splitplate end, recessed receptacle and wireport with grommet •One 2 gang splitplate end, power inlet and wireport with grommet •Two 2 gang dual voltage retro work PVC boxes •6' 14 gauge, 15A black power cord



Order #	Mfr. #	Color	VIP
28-11100	A2GESR-W	White	\$49.99
28-11101	A2GESR-I	Ivory	49.99
28-11102	A2GESR-LA	Light almond	49.99
28-11103	A2GESR-B	Black	49.99



Actual size

Universal AC/DC Adapters

MCM's unique line of AC/DC adapters allow the user to select the best adapter and plug to suit the application. All adapters are UL listed. Input voltage 120VAC. Cord length 6'. Polarity can easily be changed by reversing the plug. Select the voltage and current rating for the adapter and select the appropriate plug for your application.

Adapters

Order #	Output V	Output mA	Reg.	VIP
28-3050	6VDC	300mA	\$4.29	\$3.99
28-3055	6VDC	500mA	4.29	3.99
28-3060	9VDC	250mA	4.09	3.99
28-3065	9VDC	500mA	4.59	3.99
28-3070	12VDC	250mA	4.09	3.99
28-3075	12VDC	500mA	4.69	3.99

Plugs

Order #	Fig.	Type	Reg.	VIP
28-3080	A	2.5mm male	\$1.49	\$0.49
28-3090	B	5.0mm x 2.1mm	0.59	0.39
28-3095	C	5.5mm x 2.1mm	0.99	0.49
28-3100	D	5.0mm x 2.5mm	0.89	0.49
28-3105	E	5.5mm x 2.5mm	0.59	0.39
28-3240	F	4.0mm x 1.7mm	0.79	0.59
28-3235	G	9V battery clip	0.79	0.59



AC/DC Adapters

Fig.	Order #	Description	Output(V)	Amps	Tip Description	Polarity	Length	Reg.	VIP
A	28-2205	6V high power AC/DC adapter	6VDC	800mA	5.5mm x 2.0mm	Negative	6'	\$7.29	\$3.99
A	28-2780	18V AC to DC adapter	18VDC	300mA	5.5mm x 2.1mm	Positive	6'	5.09	3.99
A	28-2785	12V AC to DC adapter	12VDC	200mA	5.5mm x 2.1mm	Positive	6'	5.09	3.99
A	28-2790	9V AC to DC adapter	9VDC	250mA	5.5mm x 2.1mm	Positive	6'	5.09	3.99
B	28-056	12V high power universal adapter	12VDC	500mA	Four-way universal plug	Reversible	14'	7.09	5.99
C	28-1440	Tote-Vision type AC/DC adapter	12VDC	1A	2.5mm x 5.5mm barrel	Positive	6'	9.19	7.99
D	28-058	Atari type video game adapter (Atari #C014034)	9VDC	500mA	3.5mm plug	Positive	14'	5.99	5.29
F	28-11001	3V AC to DC adapter	3VDC	1A	5.5mm x 2.1mm	Negative	6'	8.19	4.99
E	28-11123	5V AC to DC adapter	5VDC	1A	3.5mm x 1.35mm	Positive	6'	7.19	5.99
E	28-11124	5V AC to DC adapter	5VDC	1A	2.5mm x 5.5mm	Positive	6'	7.19	5.99

USB DC Power Cord

•12VDC adapter with 5V 2A USB plug •Mini-USB 5 pin male plug with 6' coiled cord •Compatible with Blackberry™ and Motorola Razr™ as well as other USB powered devices

Order #	Reg.	VIP
28-10996	\$9.19	\$5.99



DC Plug Kit

Make sure you have the DC plug you need, when you need it, with this wide assortment of interchangeable DC plugs. •16 different interchangeable DC plugs •All popular sizes •Standard 2-pin connection, compatible with most universal AC/DC adapters •Labeled storage case



Order #	VIP
28-11118	\$3.99

DC Power Polarity Checker

•Prevent potential damage to equipment •LED indicates whether center pin positive, negative, or AC •3V~15VAC/DC •Accepts 2.1mm and 1.3mm DC plugs, and 3.5mm mono plug



Order #	VIP
28-11119	\$1.99

Universal AC/DC Adapter

•Output: 3V, 4.5V, 6V, 7.5V, 9V, 12VDC •Amps: 500mA •Six interchangeable tips •Reversible tip polarity •6' cord length

Order #	Reg.	VIP
28-1265	\$9.09	\$5.99



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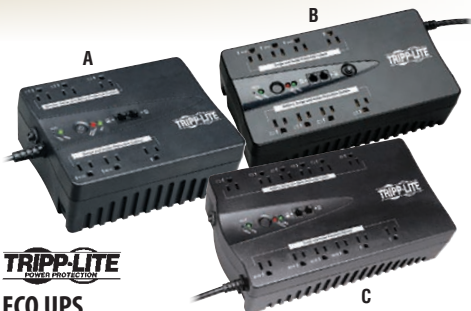
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Batteries and Power Products

Use UPS with insurance to protect your equipment.



TRIPPLITE
POWER PROTECTION

ECO UPS

•Energy-saving "ECO" surge outlets that automatically turn off idle equipment •99% power efficiency that lowers annual energy bills by up to \$50 •100% RoHS compliance to meet strict environmental standards •Free PowerAlert software for unattended computer shutdown (web download) •Telephone/DSL line surge protection •\$100,000 ultimate lifetime insurance

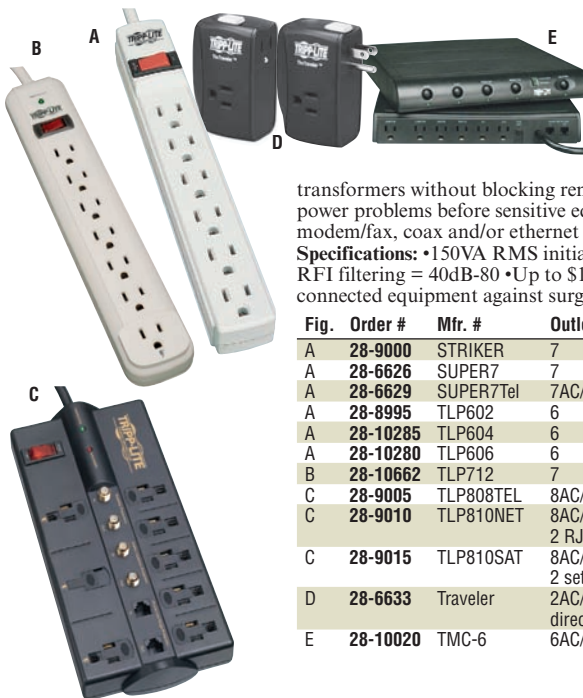
Fig.	Order #	Outlets	VA	VIP
A	28-11115	6	350	\$49.99
B	28-11116	8	550	\$59.99
C	28-11117	8	750	\$89.99

TRIPPLITE
POWER PROTECTION

Hospital-Grade Outlet Strips

Tripp Lite power strips provide convenient power distribution for applications requiring hospital-grade plugs/outlets. Tripp Lite offers multiple configurations, with 4-12 outlets, approved for use both inside and outside of patient-care areas. Utility strip-style models feature keyhole mounting tabs and flanges for installation in a wide variety of configurations.

Fig.	Order #	Mfr#	Outlets	Cord Length	Certification	Reg.	VIP
Approved for use within Patient-Care Areas							
A	28-11064	PS-415-HGULTRA	4	15'	UL 60601-1	\$91.79	\$89.99
Approved for use outside Patient-Care Areas							
B	28-11063	PS-415-HG	4	15'	UL 1363	71.39	62.99
C	28-11062	PS-602-HG	6	1.5'	UL 1363	45.89	42.99
D	28-11065	PS-606-HG	6	6'	UL 1363	74.49	70.99
E	28-11066	PS-615-HG	6	15'	UL 1363	74.49	70.99
Rackmount							
F	28-9045	RS-1215HG	12	15'	UL 1363	91.79	88.99



TRIPPLITE
POWER PROTECTION

Protect It! Surge Suppressors

•Reliable surge protection at an affordable price •Versatile outlet designs accommodate

transformers without blocking remaining outlets •Diagnostic LEDs alert you to power problems before sensitive equipment is put at risk •Select models include modem/fax, coax and/or ethernet surge protection •Up to 12' power cords

Specifications: •150VA RMS initial clamping voltage •>1ns response time •EMI/RFI filtering = 40dB-80 •Up to \$100,000 Ultimate Lifetime Insurance covers connected equipment against surge damage for life

Fig.	Order #	Mfr. #	Outlets	Cord Length	Joules	Reg.	VIP
A	28-9000	STRIKER	7	6'	750	\$13.29	\$11.99
A	28-6626	SUPER7	7	7'	2350	19.39	16.99
A	28-6629	SUPER7Tel	7AC/1 line RJ-11	7'	2470	22.49	19.99
A	28-8995	TLP602	6	2'	250	6.89	5.99
A	28-10285	TLP604	6	6'	720	9.69	7.99
A	28-10280	TLP606	6	4'	720	12.79	8.99
B	28-10662	TLP712	7	12'	1000	22.49	14.99
C	28-9005	TLP808TEL	8AC/2 line RJ-11	8'	2820	29.09	26.99
C	28-9010	TLP810NET	8AC/2 line RJ-11/ 2 RJ-45/2 sets ("F") coax	10'	3690	46.40	39.99
C	28-9015	TLP810SAT	8AC/2 line RJ-11/ 2 sets ("F") coax	10'	3570	40.79	37.99
D	28-6633	Traveler	2AC/1 line RJ-11/ direct plug-in	-	1050	15.29	13.99
E	28-10020	TMC-6	6AC/1 line RJ-11	6'	1850	33.69	27.99



TRIPPLITE
POWER PROTECTION

ISOBAR® Premium Surge Suppressors

•Isolated filter

banks eliminate interference between connected equipment •All metal housings stand up to the toughest environments •6' cords except #28-10995 which has a 25' cord **Specifications:** •140VA RMS initial clamping voltage •(0ns) response time •EMI/RFI filtering =>40dB-80 •Up to \$50,000 Ultimate Lifetime Insurance

Order #	Mfr. #	Outlets	Joules	Reg.	VIP
28-0265	ISOBAR2-6	2	600	\$35.69	\$32.99
28-10875	ULTRABLOCK428	2	600	40.79	29.99
28-9915	IBAR4	4	2200	41.89	40.99
28-0270	ISOBAR4ULTRA	4	2200	48.99	43.99
28-6634	ISOBAR6ULTRA	6	2350	52.59	48.99
28-6636	ISOBAR6DBS	6+RJ-11	2850	66.29	62.99
		+COAX			
28-6635	ISOBAR8ULTRA	8	2350	75.49	69.99
28-10995	ISOBAR825ULTRA	8	2350	81.59	69.99



RCA

Six Outlet Surge Protector with Swivel Outlets

•Protect your equipment and keep your cords organized with this swiveling surge protector. •Outlets swivel side-to-side 90° •2100 joules surge protection •\$300,000 equipment guarantee

Order #	VIP
PSWTS6	\$10.99



RCA

Surge Protectors with Child Safety Covers

Featuring integrated child safety covers, and LED status lights, these surge protectors from RCA protect your equipment from electrical surges.

Fig.	Order #	Outlets	Joules	Cord Length	VIP
A	PS26000S	6	450	3'	\$6.99
B	PS27010B	7AC, "F"	1500	4'	14.99
C	PS27210B	7AC, "F", RJ-11	1500	4'	18.99
D	PS28210B	8AC, "F", RJ-11	3120	4'	22.99

CyberPower®

Maximum Power Protection
for Business, Office and Home

**3 YEAR
WARRANTY**



#28-10500 (Used as tower)



#28-10500 (Used as rack mount)



**3 YEAR
WARRANTY**



CyberPower®
Smart App Intelligent LCD UPS Series

✓ Multi-function LCD

• 11 diagnostic toggle modes • Automatic voltage regulation (AVR) • GreenPower UPS™ technology • SNMP/HTTP remote management • Rack or tower

Order #	Model	Dataline	Outlets	Connectivity	Reg.	VIP
28-11052	OR500LCDRM1U	RJ-11/45	6	USB/serial	\$193.00	\$188.00
28-11053	OR700LCDRM1U	RJ-11/45	6	USB/serial	275.00	268.00
28-10495	OR1500LCDRM2U	RJ-11/45/coax	8	USB/(2)serial	449.00	439.00
28-10500	OR2200LCDRM2U	RJ-11/45/coax	8	USB/(2)serial	526.00	514.00



#28-10355

CyberPower®
Smart App
UPS Systems

✓ Up to \$400,000
guarantee

• Pure sinewave and online outputs • Rack, tower, or RM/T orientations
• Automatic voltage regulation (AVR) • EMI/RFI noise suppression
• Smart-App remote management

Order #	Model	Dataline	Outlets	Connectivity	Reg.	VIP
Online Rack/Tower Series						
28-11054	OL1000RML2U	-	8	USB/serial	\$509.00	\$498.00
PureSine Wave Rack/Tower Series						
28-10350	PR1500SWRM2U	RJ-11/45	6	(2)serial/USB	469.00	458.00
28-10355	PR2200SWRM2U	RJ-11/45	6	(2)serial/USB	560.00	548.00
28-10360	PR3000SWRM2U	RJ-11/45	7	(2)serial/USB	815.00	798.00
AVR Tower Series						
28-10470	OP650	RJ-11/45	6	USB/serial	121.00	112.00
28-10475	OP850	RJ-11/45	8	USB/serial	159.00	154.00
28-10485	OP1500	RJ-11/45	8	USB/serial	336.00	328.00

State-of-the-Art Power Protection

- Online, Pure Sinewave, Line Interactive and Standby USP Technology
- Innovative Multifunction LCD Design
- GreenPower UPS Technology Reduces Energy Costs
- 3-Year Warranty on all UPS products



#28-10760



#28-11056



#28-11055

**3 YEAR
WARRANTY**



CyberPower®

Intelligent LCD UPS Systems

✓ Up to \$500,000 guarantee

• Crystal-blue multi-function read-out
• Tower, mini, and compact configurations • Automatic voltage regulation (AVR)
• Ultra-quiet design • GreenPower UPS™ technology

Order #	Model	Dataline	Outlets	Connectivity	Reg.	VIP
28-11055	CP600LCD	RJ-11/45	8	USB	\$91.79	\$89.99
28-11056	CP850AVRLCD	RJ-11/45/coax	9	USB/serial	142.00	138.00
28-11057	CP1000AVRLCD	RJ-11/45/coax	9	USB/serial	163.00	158.00
28-11058	CP1350AVRLCD	RJ-11/45/coax	8	USB/serial	193.00	188.00
28-10760	CP1500AVRLCD	RJ-11/45/coax	8	USB/serial	244.00	238.00



#28-11060

CyberPower®
AVR and SOHO UPS Systems

✓ Up to \$500,000 guarantee

• Automatic voltage regulation (AVR) • GreenPower UPS™ technology • Ultra-quiet design • Tower, mini, and compact configurations

Order #	Model	Dataline	Outlets	Connectivity	Reg.	VIP
28-10330	CPS425SL	RJ-11/45	6	Serial/USB	\$44.99	\$43.99
28-10335	CP505SL	RJ-11/45	8	USB/serial	56.00	54.99
28-10640	CP685AVR	RJ-11/45/coax	8	USB/serial	84.69	82.99
28-11059	CP800AVR	RJ-11/45/coax	8	USB/serial	115.00	111.00
28-11060	CP900AVR	RJ-11/45/coax	8	USB/serial	142.00	138.00
28-8866	CP1200AVR	RJ-11/45/coax	8	USB/serial	159.00	154.00
28-11061	CP1500AVRT	RJ-11/45/coax	8	USB/serial	203.00	198.00
28-8860	CPS1500AVR	RJ-11/45	6	(2)serial/USB	346.00	338.00

**3 YEAR
WARRANTY**



CyberPower®
Surge Protectors

LIFETIME LIMITED
WARRANTY

• Compact, sleek, and rugged design • Ethernet, phone and coax optional • Protection up to 6,000 joules • Available in rackmount, professional, and SOHO

Order #	Model	Dataline	Outlets	Joules	Reg.	VIP
Rackmount						
28-10515	CPS1215RM	-	10	N/A	\$42.89	\$39.99
28-10520	CPS1215RMS	-	12	1800	50.99	49.99
28-10525	CPS1220RM	-	12	N/A	50.99	49.99
28-10530	CPS1220RMS	-	12	1800	61.19	59.99
Professional and SOHO						
28-10365	6050	RJ-11	6	1500	13.29	11.99
28-8862	750	RJ-11	7	1250	16.39	12.99
28-8863	850	RJ-11	8	2400	19.39	16.99
28-8864	880	RJ-11/coax	8	2800	21.49	19.99
28-10375	895	RJ-11/45/coax	8	3600	33.69	32.99

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Batteries and Power Products

APC protects your costly electronic equipment.



Back-UPS ES

•Affordable battery back-up and surge protection for home computers •Enough power for your entire system and built-in phone/fax/modem (DSL compatible) protection •USB 2.0 compatible with PCs and Macs (OS 9 or higher) •Includes \$50,000 Lifetime Equipment Protection warranty •Receptacles: 8

Order #	Mfr. #	VA/Watts Capacity	Typical runtime @ 100W	VIP
28-9845	BE350G	350/225	8 min.	\$54.09
28-9850	BE550G	330/550	22 min.	77.59
28-10935	BE750BB	750/450	22 min.	102.00



Home Theater Surge Protection

•Lightning and power surges can permanently damage your audio and video electrical equipment •Even small surges

can influence the performance of your electronics •These units will protect your valuable equipment from the threat of bad power •Up to \$50,000 equipment protection •Right angle plugs

Fig.	Order #	Mfr. #	Outlets	Cord Length	Joules	VIP
A	28-10600	P6BMP4	6	6'	490	\$11.29
B	28-10240	P74MP4	7	4'	490	9.19
C	28-10605	P7V	7AC/1 set "F" coax	6'	480	21.49
D	28-10610	P8T3V	8AC/1line RJ-11/1 set "F" coax	8'	1700	25.49



Back UPS RS

This high performance desktop battery back-up features maximum protection in a versatile design. The fully featured APC Back-UPS RS can be placed on the floor, under a monitor or on a shelf. Six battery back-up outlets with automatic voltage regulation (AVR) enable you to work through even the most frequent brownouts and power sags, keeping 90/110 minutes of battery power for when you need it most. For printers and other devices that do not store or process information, two additional outlets provide surge protection. Both ethernet 10/100BaseT and telephone dateline surge protection safeguards against surges entering via network connections. The PowerChute Personal Edition software features easy-to-use safe system shutdown with sophisticated power management •Features: •Lightning and surge protection preventing damage to your equipment from power surges and spikes •Internet fax, modem, DSL surge protection provides protection from surges and spikes traveling on the phone line •Resettable circuit breaker •Easy recovery from overloads; no need to replace a fuse •Automatic voltage regulation (AVR) corrects under-voltages and over-voltages without draining the battery •Building wiring fault indicator immediately warns you of wiring problems like improper grounds that could cause shocks or prevent adequately suppressing surges •USB compatibility and connectivity ensures quick and easy installation of the free PowerChute Personal Edition Software •Eight receptacles

Order #	Mfr. #	Capacity VA/Watts	Typical Runtime @ 100W	VIP
28-9980	BR1200	1200/780	30 mins	\$214.00
28-9985	BR1500	1500/750	45 mins	254.00



SurgeArrest™ Outlet Strips

Lightning and power surges can permanently ruin your electronic equipment. Changes in voltage cause lockups and loss of work. This unit will protect your equipment from the threat of bad power. The SurgeArrest series provides maximum protection for high performance multimedia computers and electronic equipment. •Features: •Lightning and surge protection •IEEE let-through rating and UL 1449 •Data-line protection •Noise filtering •Plug activated safety covers •Adjustable cable management •Cord management •Transformer block spacing •Right angle plug •180° rotating cord retainer

Fig.	Order #	Mfr. #	Outlets	RJ-11	Joules	VIP
Home/Office Series - \$75,000 Connected Warranty						
A	28-10215	PH8T3	8	2	1750	\$18.39
Essential Series - \$25,000 Connected Warranty						
B	28-10235	P6	6	0	320	8.19
C	28-10240	P74	7	0	490	9.19
C	28-10245	P7T	7	2	490	13.29



Smart UPS

•Includes PowerChute® plus which will safely store data and shut down your network operating system before the battery is fully discharged •Features: •Some models offer USB connectivity •"AVR" automatic power under boost for low voltage brown-outs •Load meter technology to monitor and alert you to UPS overloads •Quick swap batteries which can be swapped out in under 60 seconds •The SC620 models offer protection for modem, ethernet, and serial ports

Order #	Mfr. #	VA/Watts	Typical runtime @ 100W	Receptacles	USB	VIP
Tower Models						
28-9870	SC420	420/260	21 min.	4	N	\$142.00
28-9875	SC620	620/390	45 min.	4	N	209.00
Rack Models						
28-10040	SUA750RM2U	750/480	1.5 hrs	6	Y	407.00
28-10055	SUA1000RM2U	1000/670	3.5 hrs	6	Y	590.00
28-10065	SUA1500RM2U	1440/980	4 hrs	6	Y	611.00
28-10070	SUA2200RM2U	2200/1980	5 hrs	6(15A)2(20A)	Y	1060.00



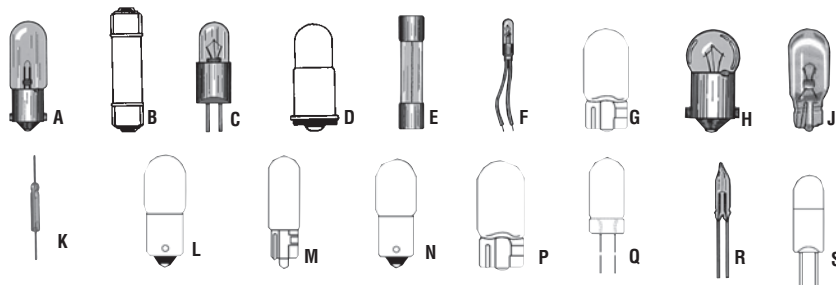
Back-UPS

2 YEAR LIMITED WARRANTY



•Features smart battery back-up and high performance surge suppression for PCs and Macs •USB 2.0 connectivity for the 350 and 500 units •Features: •USB port, modem and ethernet surge protection, site wiring fault indicator and battery condition indicators •Includes a \$100,000 Lifetime Equipment Protection Policy

Order #	Mfr. #	Capacity VA/Watts	Typical Runtime	Receptacles	VIP
28-5896	BK350 CS	350/210	8	6	\$90.79
28-5897	BK500 CS	500/300	12	6	133.00



Bulbs/Fuses

Section
9

Featuring the best selection of lamps in the industry - MCM!

Lamps

Fig.	Order #	Std #	Description	Type	Voltage	Current	Reg.	VIP
A	25-010	#44	Miniature bayonet base	T-3/4	6.3V	.25A	~~\$0.29~~	\$0.16
A	25-020	#47	Miniature bayonet base	T-3/4	6.3V	.15A	~~0.20~~	0.16
B	25-1275	#211-2	End caps	T-3	12.8V	.97A	~~1.09~~	0.89
C	25-060	-	Bi-pin	-	8V	.08A	~~0.50~~	0.39
D	25-1165	#327	Midget flanged base	T-1 1/4	28.0V	.04A	~~0.39~~	0.29
D	25-1170	#330	Midget flanged base	T-1 1/4	14.0V	.08A	~~0.49~~	0.39
E	25-080	-	Fuse type	-	6V	.25A	~~0.49~~	0.39
E	25-090	-	Fuse type	-	8V	.25A	~~0.59~~	0.49
E	25-100	-	Fuse type	-	12V	.15A	~~0.49~~	0.29
F	25-130	-	Subminiature	-	6.3V	.07A	~~0.49~~	0.39
F	25-140	-	Subminiature	-	8V	.07A	~~0.69~~	0.49
F	25-150	-	Subminiature	-	12V	.07A	~~0.49~~	0.39
F	25-160	-	Sub mini stereo indicator	-	8V	.035A	~~0.46~~	0.39
F	25-505	-	Micro size	-	12V	.035A	-	0.39
G	25-825	#159	Wedge base	T-3/4	6.3V	.15A	~~0.29~~	0.16
G	25-830	#161	Sub miniature wedge base	T-3/4	14.0V	.19A	~~0.29~~	0.17
H	25-230	#53	Miniature bayonet base	G-3 1/2	14.4V	.12A	~~0.69~~	0.39

Fig.	Order #	Std #	Description	Type	Voltage	Current	Reg.	VIP
J	25-590	-	Wedge base	-	12V	.42A	~~\$0.59~~	\$0.39
K	25-450	-	Level meter lamp	-	8V	.25A	~~0.69~~	0.39
K	25-455	-	Level meter lamp	-	12V	.25A	~~0.39~~	0.29
L	25-855	#755	Miniature bayonet base	T-3/4	6.30V	.15A	~~0.29~~	0.19
L	25-895	#1819	Miniature bayonet base	T-3/4	28.0V	.04A	~~0.30~~	0.19
L	25-910	#1847	Miniature bayonet base	T-3/4	6.3V	.15A	~~0.29~~	0.19
M	25-1000	#86	Sub miniature wedge base	T-134	6.3V	.20A	~~0.29~~	0.19
M	25-815	#73	Sub miniature wedge base	T-134	14.0V	.08A	~~0.39~~	0.19
M	25-820	#74	Sub miniature wedge base	T-134	14.0V	.10A	~~0.29~~	0.19
N	25-865	#757	Miniature bayonet base	T-3/4	28.0V	.08A	~~0.30~~	0.19
N	25-905	#1829	Miniature bayonet base	T-3/4	28.0V	.07A	~~0.39~~	0.19
P	25-1010	#658	Wedge base	T-3/4	14.0V	.08A	~~0.29~~	0.19
P	25-850	#656	Wedge base	T-3/4	28.0V	.06A	~~0.29~~	0.19
Q	25-935	#2182	Wire terminal	T-134	14.0V	.08A	~~0.29~~	0.19
R	25-170	-	Neon with resistor #NE2	-	117V	-	~~0.39~~	0.19
S	25-940	#7373	Bi-pin base	T-134	14.0V	.1A	~~0.49~~	0.29
S	25-945	#7382	Bi-pin base	T-134	14.0V	.08A	~~0.49~~	0.39

18 LED Accent Light

•18 LEDs with a 6500k color temperature
•Approximately 30,000 hour life •80 lumens •Uses only 1.5W total power •Medium screw base (E26) •Non dimmable •For indoor use only



Order #	Reg.	VIP
25-3730	~~\$8.19~~	\$6.99

LED Holder

A chrome metal LED holder with rubber base to hold the legs. Accepts 5mm dia LEDs. Mounting hole: 8mm.



Order #	Reg.	VIP
AR70438	~~\$0.89~~	\$0.49



CHICAGO MINIATURE LAMP, INC.
An SMC Company
WHERE INNOVATION COMES TO LIGHT

125 Volt Non-Relampable Red Indicator

Non-relampable solid state lamp with polycarbonate lens. Solid state indicator light features built-in current-limiting resistor and rectifier diode. 22AWG wire leads. Stainless-steel bezel. Snap fits into 0.505" diameter hole in panels 0.100" thick. 1091M5-125VAC.

Order #	Reg.	VIP
25-2190	~~\$4.39~~	\$3.99

M/EC Universal Indicator Lights

151 series indicator lights are versatile, high-impact plastic units which provide excellent visibility. Mounts in a 0.281" hole with nut and washer supplied. Round lens.



Order #	Type	Lens	Volts	Reg.	VIP
Incandescent Lamps					
25-1940	F151-12R	Red	12	~~\$2.69~~	\$2.49
25-1945	F151-12G	Green	12	~~2.69~~	2.49
25-1950	F151-24R	Red	24	~~2.69~~	2.49
Neon Lamps					
25-1970	NR151-110R	Red	110	~~4.39~~	4.29
25-1975	NR151-110A	Amber	110	~~4.39~~	4.29
25-1980	NR151-110C	Clear	110	~~4.39~~	3.99
25-1985	NR151-110G	Green	110	~~4.39~~	3.99
LED Lamps					
25-1990	L151-12R	Red	12	~~3.89~~	2.99
25-1995	L151-24R	Red	24	~~4.19~~	2.99
25-2000	L151-24G	Green	24	~~4.79~~	3.99

EIKO CCFL Floodlight Replacement Lamps

Reduce power consumption by up to 75% by switching from incandescent to CCFL bulbs. Features: •Medium screw base (E26) •Replacement for 60W incandescent bulb •Used in many can lights and exterior floodlights •Up to 8,000 hour life •Self ballasted



Order #	Color Temperature	Power Consumption	Lumens	Reg.	VIP
Indoor R30					
25-3565	2700K	15W	260	~~\$6.19~~	\$5.29
25-3570	6500K	15W	320	~~6.19~~	5.29
Outdoor PAR30					
25-3580	3000K	15W	750	~~9.19~~	7.99

Replacement LED MR16 Bulbs

These replacement MR16 LED bulbs only use 20% of the electricity used by traditional MR16 bulbs. Features: •Low heat •Up to 50,000 hour life Note: Not to be used with a dimmer



Order #	Color temperature	Wattage	Reg.	VIP
15 LED bulbs				
25-3591	6400K	1.1	~~\$10.19~~	\$7.99
25-3594	8000K	.8	~~12.19~~	10.99
20 LED bulbs				
25-3590	4300K	1.5	~~13.29~~	8.99
25-3593	8000K	1.5	~~16.29~~	14.99
Color Changing (red, green, blue) 18 LED bulb				
25-3592	-	1.8	~~11.29~~	9.99

Self Ballasted Compact Fluorescent Bulbs

✓CCFL screw in bulbs
✓60W, 75W and 100W bulbs
✓Two temperature types (daylight and soft white)

•Energy efficient, saves up to 75% in electricity when compared to incandescent bulbs •Bulbs come in two temperatures: 2700K = soft white and 6500K = full daylight •100,000 hour life reduces maintenance costs •Integrated electronic ballast, provides for easy installation •All bulbs come with a medium screw (E26) type base for easy replacement

Order #	Watt	Color	Replaces	Reg.	VIP
25-3115	13W	Soft white	60W	~~\$3.09~~	\$2.59
25-3125	13W	Daylight	60W	~~3.09~~	2.59
25-3130	20W	Soft white	75W	~~3.59~~	3.29
25-3140	20W	Daylight	75W	~~3.59~~	3.29
25-3145	23W	Soft white	100W	~~5.09~~	3.99
25-3155	23W	Daylight	100W	~~5.09~~	3.99

EIKO High Power CCFL Lamp

Perfect in a garage, barn, or any location where heavy lighting is needed, while allowing you to reduce energy consumption by up to 75%. Features: •105W power consumption •Medium screw base (E26) •Self ballasted •Light output equivalent to 420W incandescent bulb •Color temperature: 5000K •Lumens: 6900 •Typical life: 8,000 hours •Dimensions: 11" (H) x 4" (W)

Order #	Reg.	VIP
25-3575	~~\$30.59~~	\$29.99



EIKO Circuline Fluorescent Lamps

•T9 •Rapid start •Base: G10q •Average life: 12,000

Order #	Type	Watts	Diameter	Reg.	VIP
25-2815	FC8T9/CW	22	8.25"	~~\$12.79~~	\$5.99
25-2820	FC8T9/D	22	8.25"	~~12.79~~	5.99
25-2825	FC12T9/CW	32	12.00"	~~13.79~~	6.99

CW = Cool White

D = Daylight



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Bulbs/Fuses

Switches and fuses for electronic repair and system fabrication



GMA-20mm x 5mm
•250V •Five per box

Order #	A/R*	Order #	A/R*	Order #	A/R*
28-356	.25A	28-368	3A	28-375	6A
28-357	.5A	28-369	3.5A	28-376	6.5A
28-359	.75A	28-370	4A	28-378	7A
28-358	1A	28-372	4.5A	28-1190	8A
28-360	1.5A	28-373	5A	28-1195	9A
28-363	2A	28-374	5.5A	28-1200	10A
28-365	2.5A				

Reg. \$1.09.....VIP \$0.59



Ceramic-1 1/4" x 1/4"

•For microwaves and other small appliances •250V
•Five per box

Order #	A/R*	Order #	A/R*	Order #	A/R*
28-0205	10A	28-0210	15A	28-0220	25A
28-0208	12A	28-0215	20A	28-0225	30A

Reg. \$2.79.....VIP \$1.79



Pico/Micro-.281" x .093"

•Subminiature axial fuses for circuits where space is limited •125V •Five per box

Order #	A/R*	Order #	A/R*	Order #	A/R*
28-0590	.125A	28-0605	.75A	28-0625	2.5A
28-0595	.25A	28-0610	1A	28-0630	3A
28-0598	.375A	28-0615	1.5A	28-0635	4A
28-0600	.5A	28-0620	2A	28-0636	5A

Reg. \$3.59.....VIP \$2.19



COOPER
Bussmann

Buss® GDA 5 x 20mm Fast-Acting Fuses

•Ceramic, high-interrupting, rated 250V. Meet IEC 127, sheet 1 •Sold individually

Order #	Mfr. #	Amps	Reg.	VIP
28-7522	GDA-315MA	315mA	\$1.89	\$1.59
28-7524	GDA-500MA	500mA	1.79	1.39
28-7526	GDA-630MA	630mA	1.79	1.19
28-7528	GDA-1A	1.0	1.79	1.09
28-7530	GDA-1.6A	1.6	1.59	1.29
28-7532	GDA-2A	2.0	1.69	1.39
28-7534	GDA-2.5A	2.5	1.99	1.89
28-7536	GDA-3.15A	3.15	1.99	1.89
28-7538	GDA-4A	4.0	1.99	1.89
28-7540	GDA-5A	5.0	1.99	1.89
28-7542	GDA-6.3A	6.3	1.99	1.90



Heavy-Duty Push Button

A 6A heavy-duty push button switch mechanism is suitable for operations at voltages up to 125VAC. Dimensions are 18 x 14.5 x 15mm. Fixing hole of 12mm.

Order #	Reg.	VIP
AR70736	\$2.99	\$1.99



Harsh Environment Push Button Switches

•Single pole normally open momentary action with double break •Sealed compact construction with metal threads and colorful actuators •Excellent tactile feedback with precise actuation •500mA at 48VAC
•Gold plated contacts •Requires 1/2" opening

Order #	Button Color	Reg.	VIP
26-1455	Black	\$19.89	\$15.99
26-1460	Green	18.99	15.99
26-1465	Yellow	17.99	15.99
26-1470	Red	17.99	15.99

#28-1910

#28-063

#28-0155

#28-060

#28-0175

#28-0810

#28-0815

#28-1185

Fuse Holders

Order #	Fuse Size	Rated Voltage	Rated Current	Note	Reg.	VIP
28-1910	1 1/4" x 1/4"	125VAC	30A	Crimp type water resistant	\$2.79	\$2.49
28-063	1 1/4" x 1/4"	250VAC	10A	Screw type	1.29	0.99
28-0155	20mm x 5mm	250VAC	10A	Screw type 2 per pkg.	1.79	1.59
28-060	1 1/4" x 1/4"	32VDC	3A	3A fuse included	1.19	0.79
28-0175	1 1/4" x 1/4"	250VDC	10A	Fuse block	2.29	1.59
28-0810	1 1/4" x 1/4"	32VDC	20A	Screw type	0.79	0.59
28-0815	-	32VDC	30A	ATO in-line	0.89	0.69
28-1185	-	32VDC	30A	Five gang ATO fuse block	6.69	5.99

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email: quotes@mcmelectronics.com



Fuse Kits

•Assortments of popular electronic fuses •Packaged in convenient storage boxes •**#102-031** contains: AGC (10 each): .5A, 1A, 1.5A, 2A, 2.5A, 3A, 3.15A, 4A, 5A, 6A, 6.3A and 7A UL listed fuses •**#102-032** contains: GMA (10 each): .5A, 1A, 1.5A, 1.6A, 2A, 2.5A, 3A, 3.15A, 4A, 5A, 6A and 6.5A UL listed fuses •**#102-005** contains: AGC (10 each): .5A, 1A, 1.5A, 2A, 2.5A, 3A, 4A, 5A, 6A, 10A and 15A GMA (10 each): 1A, 1.5A, 2A, 3A, 4A and 5A Ceramic (10 each): 15A •**#102-039** contains: AGC - fast acting (10 each): 1A, 1.5A, 2A, 2.5A, 3A and 5A GMA - fast acting (20 each): 1A, 1.5A, 2A, 2.5A, 3A and 5A GMA - slow blow (20 each): 1A, 1.5A, 2A, 2.5A, 3A and 5A UL listed fuses •**#102-038** contains: AGC (20 each): 1A, 2A, 3A, 4A, 5A and 10A Ceramic (20 each): 5A, 10A, 15A, 20A, 25A and 30A •**#102-004** contains: Ceramic (10 each): 5A, 10A, 15A, 20A, 25A and 30A

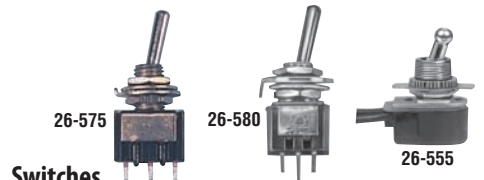
Order #	Type	Reg.	VIP
102-031	AGC	\$16.39	\$9.49
102-032	GMA	19.99	8.59
102-005	AGC/GMA/Ceramic	22.49	13.49
102-039	AGC/GMA	38.79	29.99
102-038	AGC/Ceramic	41.89	29.99
102-004	Ceramic	24.49	16.99

Littelfuse® ATM (Mini ATC) Automotive Fuses

•Smaller size allows more fuses to be located in the same area •Increasingly common in newer domestic and foreign vehicles •Readily identifiable and easily replaced •Ideal for a variety of low voltage electronic applications •UL listed •Color coded for easy identification •Overall dimensions: 0.63" x 0.43", including blades •Packaged bulk, sold individually •All values rated 32V

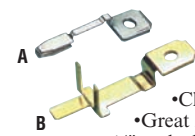
Order #	Color	Amps	Reg.	VIP
28-297003	Violet	3	\$0.40	\$0.29
28-297005	Tan	5	0.40	0.29
28-29707.5	Brown	7.5	0.40	0.29
28-297010	Red	10	0.40	0.29

Order #	Color	Amps	Reg.	VIP
28-297015	Blue	15	\$0.40	\$0.29
28-297020	Yellow	20	0.40	0.29
28-297025	Natural	25	0.40	0.29
28-297030	Green	30	0.40	0.29



Switches

Order #	Description	Current	Reg.	VIP
Toggle (125VAC)				
26-575	SPDT Mini 1/4" mount (250V)	6A	\$1.09	\$0.89
26-580	DPDT Mini, 1/4" mount	5A	1.09	0.69
26-555	SPST Prewired, 3/8" mount	6A	2.69	1.99



ATO Fuse Taps

•Clips onto ATO automotive fuses
•Great for car stereo installations
•1/4" male disconnect •Ten per package

Fig.	Order #	Type	Reg.	VIP
A	28-1985	Mini ATC	\$1.89	\$1.59
B	28-1980	ATO/ATC	2.09	1.69

Wall Plates

Organize your structured wiring with wall plates from MCM



MCM CUSTOM AUDIO

Swingplate™ Feed Through Wall Plates

Designed specifically for the A/V installation industry, this unique feed through wall plate features a swivel door for ease of use and improved appearance. It is ideal for situations where multiple cables are to pass through a finished wall, and not terminated at the plate. This is especially useful in pre-wire applications, as the wire can remain tucked into the wall, with the swing door neatly closed, until it is time to install equipment. Available in single or double gang sizes, plates are white color, and are compatible with standard electrical boxes and low voltage brackets. Call for larger quantity pricing. 

Order #	Description	Reg.	VIP
50-10900	Single	\$1.89	\$1.26
50-10910	Double	2.49	1.69

Carlson® Low Voltage Wall Mounting Brackets

These brackets accept any single or dual gang wall plate. May be used for any Class 2 low voltage wiring application that does not require an electrical box. Open back design provides easier routing of cables, especially larger diameter coax.

New Work Applications Only

Units include captive nails, and large mounting tabs, allowing use with metal or wood studs. 

Order #	Description	Reg.	VIP
28-17140	Single gang	\$4.89	\$2.61
28-17145	Double gang	5.49	2.82

Old work applications

Units include rotating clips to securely attach to existing wallboard. Only tools required are a drywall saw and Philips head screwdriver. 

Order #	Description	Reg.	VIP
28-17175	Single gang	\$1.79	\$1.29
28-17180	Double gang	2.29	1.73

MCM CUSTOM AUDIO

Stainless Steel Adaptiplate™ Decora Wall Plates

These single gang decora style wall plates are compatible with all Adaptiplate® A/V Hex Connector inserts. 

Order #	Openings	MSRP	Reg.	VIP
Decora inserts				
50-10050	Blank	\$4.29	\$1.49	\$1.25
50-10055	One	4.29	1.49	1.25
50-10060	Two	4.29	1.49	1.25
50-10065	Three	4.29	1.49	1.25
50-10070	Four	4.29	1.49	1.25
50-10075	Six	4.29	1.49	1.25
50-10080	Eight	4.29	1.49	1.25
Single gang decora cover				
50-10120	-	5.99	2.49	2.09

MIDLITE®
QUALITY CUSTOM PRODUCTS

Splitport™ Cable Pass-Through Plates

Ideal for wiring installations where multiple cables are to pass through a finished wall, and not terminated at the plate. Perfect when pre-assembled or fiber cable is routed through walls, or when large numbers of cables make termination at the wall plate impractical. Split plate design eases cables terminated with large connectors and enables plate to be installed after all connections are made. Available in white, ivory, black and almond. 

Order #	Type	Color	Reg.	VIP
50-7920	Single gang	White	\$4.29	\$3.53
50-7921	Single gang	Almond	4.29	3.53
50-7922	Single gang	Ivory	4.29	3.53
50-7923	Single gang	Black	4.29	3.53
50-7925	Double gang	White	4.59	3.73
50-7926	Double gang	Almond	4.59	3.73
50-7927	Double gang	Ivory	4.59	3.73
50-7928	Double gang	Black	4.59	3.73



MIDLITE®
QUALITY CUSTOM PRODUCTS

Wireport™ Cable Pass-Through Plates

Ideal in home theater and commercial sound applications where multiple cables are to pass through a finished wall, and not terminated at the plate. Perfect when pre-assembled or fiber cable is routed through walls, or when large numbers of cables make termination at the wall plate impractical. Available in white, ivory, black and almond, as a single or double gang plate, or as a single Decora insert. 

Order #	Type	Color	Reg.	VIP
50-6890	Single gang	White	\$3.29	\$2.69
50-6891	Single gang	Ivory	3.29	2.69
50-6892	Single gang	Black	3.29	2.69
50-6893	Single gang	Almond	3.29	2.69
50-6895	Double gang	White	3.89	3.11
50-6896	Double gang	Ivory	3.89	3.11
50-6897	Double gang	Black	3.89	3.11
50-6898	Double gang	Almond	3.89	3.11
50-6900	Decora	White	3.59	2.91
50-6901	Decora	Ivory	3.59	2.91
50-6902	Decora	Black	3.59	2.91
50-6903	Decora	Almond	3.59	2.91



Cable Pass-Through Wall Plates

These wall plates are perfect when pre-terminated cables are routed through the wall, or when large numbers of cables make termination at the wall plate impractical. Opening is angled at 90° allowing equipment to be placed close to the wall. Rigid ABS plates are available as single or double gang size and are available in white, ivory, black and almond. Matching screws are included. 

Order #	Gang	Color	Reg.	VIP
50-7390	Single	White	\$3.29	\$1.79
50-7391	Single	Ivory	2.29	1.79
50-7392	Single	Black	3.29	1.79
50-7393	Single	Almond	2.29	1.79
50-7395	Double	White	5.40	2.69
50-7396	Double	Ivory	3.69	2.69
50-7397	Double	Black	3.69	2.69
50-7398	Double	Almond	3.69	2.69

Recessed Multimedia Wall Plates

These wall plates are perfect when pre-terminated cables are routed through the wall, or when large numbers of cables make termination at the wall plate impractical. Recessed opening directs cables at a 90° angle, without protruding, allowing equipment to be placed close to the wall. The recessed commercial grade AC receptacle allows connection of large AC plugs, without protruding from the wall. Perfect for use behind flat panel TVs or large A/V equipment. Rigid ABS plates are available in white or gray. Matching screws are included. 

Order #	Color	Reg.	VIP
50-8817	White	\$20.39	\$17.99
50-8819	Gray	19.39	17.99



Stellar Labs™

Decora Style HDMI Wall Plates

Obtain the professional look you or your customer desires in any home theater installation with these single gang decora style HDMI wall plates from Stellar Labs®. Available in three configurations: •Flush mount female HDMI on the exterior, right angle HDMI female inside wall cavity (#50-10840) •Recessed HDMI female on the exterior, 5/16" female HDMI pigtail inside wall cavity (#50-10850) •Recessed dual HDMI female connections on the exterior, dual 5/16" HDMI female pigtails inside wall cavity (#50-10860) 

Order #	Description	Reg.	VIP
50-10840	Flush mount	\$10.19	\$7.99
50-10850	Recessed with pigtail	13.29	9.99
50-10860	Dual recessed with pigtails	17.39	13.99

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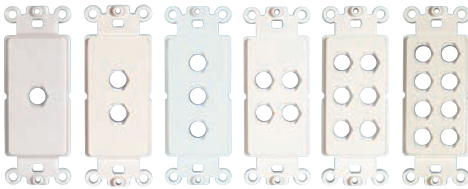
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Wall Plates

Adaptiplate™ customizable wall plate system allows complete flexibility when configuring A/V wall plates

The MCM Custom Audio Adaptiplate™ Wall Plate System allows installers to configure wall plates to meet virtually any residential audio application. Configure single, or multi-gang wall plates with exactly the connectors needed. Hex inserts accept “F” connectors, and RCA connectors with a variety of insert colors to suit a wide range of audio and video applications. Keystone style inserts are compatible with both Leviton and Hellermann Tyton wall plates, allowing easy integration with existing Decora style devices.



MCM CUSTOM AUDIO

Adaptiplate™ Decora Inserts

Multiple configurations allow you to select from one to eight connectors in a single gang plate size. Use alone or combine with others to provide exactly the plate configuration needed. Available in white or ivory, these inserts are compatible with standard decora wall plate covers. Accepts all Adaptiplate™ A/V hex connectors.

Order #	Openings	Color	MSRP	Reg.	VIP
50-10000	One	White	\$2.49	~~\$1.09~~	\$0.79
50-10005	Two	White	2.49	~~1.09~~	0.79
50-10006	Two	Ivory	2.49	~~1.09~~	0.79
50-10010	Three	White	2.49	~~1.09~~	0.79
50-10011	Three	Ivory	2.49	~~1.09~~	0.79
50-10015	Four	White	2.49	~~1.09~~	0.79
50-10016	Four	Ivory	2.49	~~1.09~~	0.79
50-10020	Six	White	2.49	~~1.09~~	0.79
50-10021	Six	Ivory	2.49	~~1.09~~	0.79
50-10025	Eight	White	2.49	~~1.09~~	0.79
50-10026	Eight	Ivory	2.49	~~1.09~~	0.79

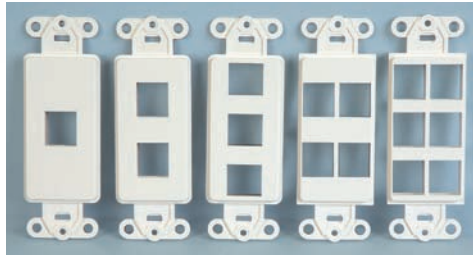


MCM CUSTOM AUDIO

Adaptiplate™ A/V Hex Connector Inserts

Gold plate hex inserts are intended for use with all Adaptiplate™ decora wall plates. When used in conjunction with #50-10780 and 50-10781 hex inserts, they may also be used in keystone plates. “F” style insert is perfect for CATV, antenna or satellite use. Extra long barrel length allows easy connection on rear side. RCA style connectors are female on both sides, and are perfectly acceptable for use with digital and analog audio signals, as well as composite and component video. All connectors sold individually.

Order #	Type	Insert Color	MSRP	Reg.	VIP
50-10800	“F”	-	\$1.39	~~\$1.19~~	\$0.79
50-10820	RCA	Red	2.19	~~1.59~~	0.99
50-10821	RCA	Green	2.19	~~1.59~~	0.99
50-10822	RCA	Blue	2.19	~~1.59~~	0.99
50-10823	RCA	Yellow	2.19	~~1.59~~	0.99
50-10824	RCA	Orange	2.19	~~1.59~~	0.99
50-10825	RCA	White	2.19	~~1.59~~	0.99
50-10826	RCA	Black	2.19	~~1.59~~	0.99



MCM CUSTOM AUDIO

Adaptiplate™ Keystone Decora Inserts

Multiple configurations allow selection from one to six connector inserts in a single gang plate size. Use alone or combine with others to provide exactly the plate configuration needed. Perfect when A/V connectors are combined with telephone and network keystone jacks. Insert #50-10780 or 50-10781 allows compatibility with all Adaptiplate™ A/V hex connectors.

Order #	Hex Openings	Color	MSRP	Reg.	VIP
50-10150	One	White	\$1.99	~~\$1.49~~	\$0.79
50-10151	One	Ivory	1.99	~~1.49~~	0.79
50-10155	Two	White	1.99	~~1.49~~	0.79
50-10156	Two	Ivory	1.99	~~1.49~~	0.79
50-10160	Three	White	1.99	~~1.49~~	0.79
50-10161	Three	Ivory	1.99	~~1.49~~	0.79
50-10165	Four	White	1.99	~~1.49~~	0.79
50-10166	Four	Ivory	1.99	~~1.49~~	0.79
50-10170	Six	White	1.99	~~1.49~~	0.79
50-10171	Six	Ivory	1.99	~~1.49~~	0.79

MCM CUSTOM AUDIO



Adaptiplate™ HDMI Keystone Insert

Designed as part of the Adaptiplate™ Wall Plate System, this HDMI female-female coupler is compatible with standard Keystone wall plates. It accepts a male connector at either side, allowing easy termination of HDMI cables at the wall. Keystone configuration allows endless flexibility in combining with other data, audio and video wall plate connections. It is also suitable as a free sanding HDMI coupler. White color.

Order #	MSRP	Reg.	VIP
50-10805	\$19.95	~~\$9.99~~	\$7.99



MCM CUSTOM AUDIO

Keystone Voice and Data Inserts

Intended for use with the Adaptiplate™ Keystone Decora Inserts, these voice and data inserts are also compatible with most keystone wall plates. Intended for telephone and LAN connections, they are ideal for use with the MCM Custom Audio Cat 5 Balun system. RJ-45 connector is Cat 5e rated. RJ-11 connector is 6P6C (six-conductor) type and is compatible with standard single, two and three line telephone wiring configurations.

Order #	Type	Color	MSRP	Reg.	VIP
50-10790	RJ-45	White	\$3.59	~~\$2.59~~	\$1.99
50-10791	RJ-45	Ivory	3.59	~~2.59~~	1.99
50-10795	RJ-11	White	2.89	~~2.09~~	1.49
50-10796	RJ-11	Ivory	2.89	~~2.09~~	1.49



MCM CUSTOM AUDIO

Adaptiplate™ A/V Hex Connector Inserts

Specially designed RCA to “F” adapter inserts greatly eases installation of specific A/V cables in a distributed system. Rear “F” connection allows easy incorporation of RG-6 or RG-59 cable for A/V runs. These cable types are perfectly suitable for composite video, Y/Pr/Pb component video, line level and digital audio, and typically provide improved performance over pre-terminated RCA style cables. All connectors sold individually.

Order #	Insert Color	MSRP	Reg.	VIP
50-10830	Red	\$2.19	~~\$1.59~~	\$0.99
50-10831	Green	2.19	~~1.59~~	0.99
50-10832	Blue	2.19	~~1.59~~	0.99
50-10833	Yellow	2.19	~~1.59~~	0.99
50-10834	Orange	2.19	~~1.59~~	0.99
50-10835	White	2.19	~~1.59~~	0.99
50-10836	Black	2.19	~~1.59~~	0.99



MCM CUSTOM AUDIO

Adaptiplate™ Decora Covers

Single and multi gang covers are compatible with all decora style devices. These are intended to provide perfect color match desired when using Adaptiplate™ hex and keystone wall plates.

Order #	Gang	Color	MSRP	VIP
50-10100	One	White	\$2.19	\$0.69
50-10101	One	Ivory	2.19	0.69
50-10105	Two	White	2.89	1.09
50-10110	Three	White	3.59	1.59
50-10111	Three	Ivory	3.59	1.59
50-10115	Four	White	4.99	2.09
50-10116	Four	Ivory	4.99	2.09

MCM CUSTOM AUDIO

Adaptiplate™ Keystone Inserts

Individual inserts are compatible with keystone jacks. Hex opening accepts all Adaptiplate™ hex connector inserts. Blank inserts provide professional appearance by covering unused keystone openings.

Order #	Type	Color	MSRP	Reg.	VIP
50-10175	Blank	White	\$0.49	~~\$0.39~~	\$0.19
50-10176	Blank	Ivory	0.49	~~0.39~~	0.19
50-10780	Hex Opening	White	0.49	~~0.39~~	0.19
50-10781	Hex Opening	Ivory	0.49	~~0.39~~	0.19

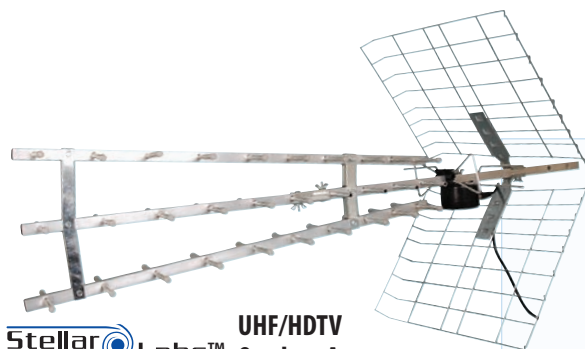
MCM CUSTOM AUDIO

Adaptiplate™ Binding Post Hex Inserts

Intended for speaker connections, these binding post inserts are compatible with all Adaptiplate™ wall plates and hex inserts. Connector front accepts standard banana plugs, or bare wire up to 12AWG. Connector rear securely holds wire up to 12AWG via setscrew. Color coded red and black, binding posts are sold in pairs.

Order #	MSRP	Reg.	VIP
50-10810	\$5.69	~~\$4.09~~	\$2.99

MCM stocks the right antenna for any location.



Stellar Labs™ UHF/HDTV Outdoor Antenna

•Directional outdoor antenna is optimized to pick up UHF signals for digital television and high-definition television broadcasts •Frequency range: 460~862MHz •30 elements •75ohm "F" type connection •20dB •Up to 50 mile range

Order #	MSRP	VIP
30-2155	\$39.95	\$19.99

PHILIPS UHF Indoor/Outdoor Antenna

Easiest and best solution for urban/suburban UHF DTV (digital TV) reception. Perfect alternative to conventional outdoor antennas.
Features: •Built-in optimum gain amplifier, 18dB UHF, with low noise circuitry, under 3.5dB, for best possible DTV performance •Efficient flat panel UHF array, up to 40 miles range •Compact yet effective size, 5" x 10" •Easily mounts on wall, mast or railing •Can be used with rotor (optional, mast only) •Ideal for RV or boat. Includes 20' cable, power injector, power supply, and flexible mounting kit.



Order #	Reg.	VIP
MANT940	\$36.99	\$29.99

Compact HDTV Antenna

•Extremely low profile design can be mounted indoors or outdoors •Extremely low noise amplifier is designed for the latest digital and high-definition television reception •20dB gain •UV resistant case
Includes: •Antenna •Flexible arm mounting base •Power inserter •AC adapter •Coax cable •Mounting hardware



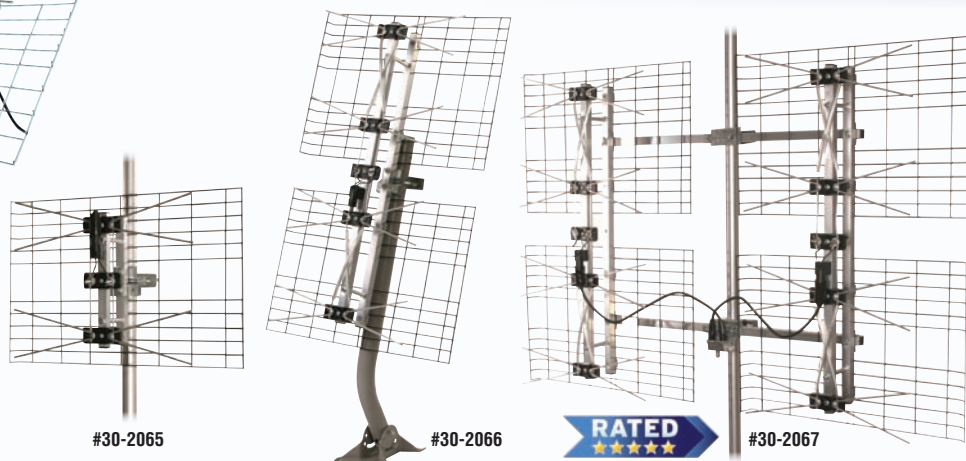
Order #	Reg.	VIP
30-2205	\$24.99	\$19.99



TERK TECHNOLOGIES TV55 Antenna

The TV55 indoor/outdoor amplified antenna is optimized for HDTV reception. The TV55 includes cables and weatherproof stainless steel connectors, for easy integration with satellite systems. The kit combines local and satellite signals into a single RG-6 coaxial cable, eliminating the need to run an extra wire from the dish to the home. Mfr. #TV-55.

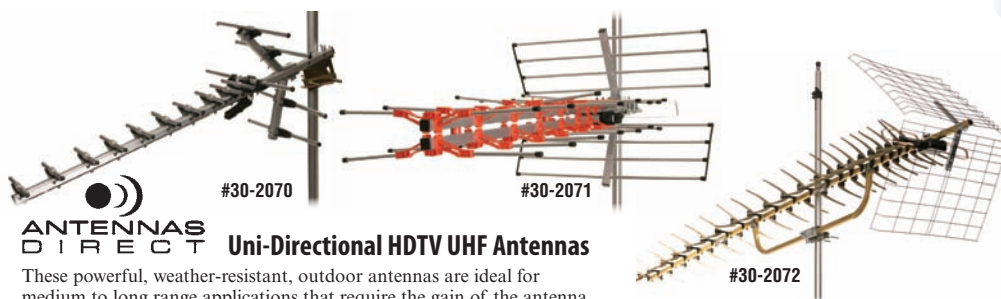
Order #	Reg.	VIP
30-1525	\$77.99	\$69.99



Multi-Directional HDTV UHF Antennas

Multi-directional antennas are designed to work in locations where the transmitters for digital stations are spread apart. These popular HD antennas utilize a bowtie design

Order #	Description	Range miles	Gain db	Dimensions (H) x (W) x (D)	Reg.	VIP
30-2065	Indoor/outdoor, low-profile, short range	1-30	11.4db	12" x 19" x 4"	\$36.99	\$35.95
30-2066	Outdoor, most popular, mid-range	15-55	13.7db	29" x 19" x 4"	54.99	49.95
30-2067	Outdoor, high-gain, long range	50-70	15.8db	29" x 42" x 4"	79.99	69.99



Uni-Directional HDTV UHF Antennas

These powerful, weather-resistant, outdoor antennas are ideal for medium to long range applications that require the gain of the antenna to be concentrated in one direction.

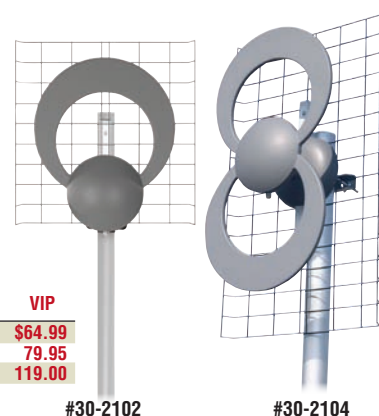
Order #	Description	Range miles	Gain db	Dimensions (H) x (W) x (D)	Reg.	VIP
30-2070	Compact, 15-element, short-range	1-30	11.0	14" x 13" x 35"	\$49.99	\$39.95
30-2071	Mid-sized, 43-element, long-range	15-60	15.7	19" x 18" x 62"	56.99	49.95
30-2072	Large, high-gain, 91-element, long range	50-70+	16.7	22" x 20" x 93"	84.99	79.95



ClearStream™ DTV Antennas

•Consistently powerful reception gain across the entire DTV spectrum •Advancements in efficiency allows up to 98% of the available broadcast signal to actually reach the incoming antenna cable rather than being lost to impedance mismatches •Compact and easy to mount •Easy to assemble •Unmatched power and efficiency through advanced computer design •Engineered for extra strength and durability •UHF and DTV spectrum (470-806MHz) •Multidirectional, up to 70° of beam width

Order #	Model #	Range Miles	Dimensions (H) x (W) x (D)	Gain	Weight	Reg.	VIP
30-2102	C1	0-30	10" x 10" x 4.5"	8 dBi	2.5 lb.	\$75.59	\$64.99
30-2104	C2	0-50	20" x 10" x 5"	10.2 dBi	3.5 lb.	87.99	79.95
30-2106	C4	0-65	19" x 20" x 4.5"	14.8 dBi	8.5 lb.	139.00	119.00



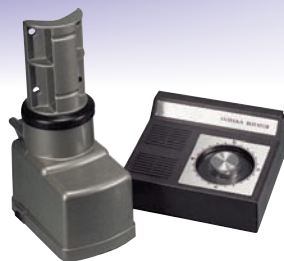
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MCM has all of the hard-to-find antenna products.



Economical Antenna Rotator

Our economical antenna rotator helps improve TV and FM reception. Two piece connects via three wire rotator cable. Adjustable clamp accommodates mast up to 1 1/2".

Order #	Reg.	VIP
30-1100	\$59.99	\$49.99



Antennacraft Antenna Rotator

•Heavy-duty motor handles large antennas
•Extra strong machine cut gears won't bind

•Brake pads hold firm •Tested to 70 mph winds
•Requires three-wire rotator wire (#24-3080)

Order #	Reg.	VIP
30-1020	\$79.99	\$59.99



ANTENNAS DIRECT ClearStream Pre-Amplifier Kit

•Commercial grade low noise antenna

pre-amplifier designed and optimized for digital TV reception •Max gain: 18.4dB VHF, 17.3dB UHF
•Frequency range: Amplifies 174MHz~216MHz and 470MHz~700MHz •Ultra low noise figure: 1.7dB VHF, 2.0 dB UHF •High overload resistance •75ohm/"F" connector output and input **Kit includes:** •Mast mount amp •Power inserter •Two 3' coaxial cables

Order #	Reg.	VIP
30-2120	\$109.99	\$79.95



ANTENNAS DIRECT Variable Attenuator

For those living very close to transmitting towers, problems with multipath interference can occur because the signals are so strong that they bounce off nearby buildings and other objects and cause multiple images to appear on one's TV screen. This attenuator allows users to dial down the signal to reduce problems associated with this multipath and overloading interference.

Order #	Reg.	VIP
30-2118	\$11.99	\$9.99



ANTENNAS DIRECT Outdoor Mast Mounted Amplifier

This powerful UHF/VHF antenna signal amplifier is designed to overcome signal loss related to long cable runs, splitters, and junctions. While an amplifier will not create a signal, it will increase its power and minimize disruptions. **Kit includes:** •Mast mount amplifier •110VAC power inserter •6' coaxial cable Frequency range: •40~862MHz •18db gain •Mfr. #PA18.

Order #	Reg.	VIP
30-2091	\$49.99	\$44.99



Channel Master TITAN 2TM Mast Mounted Preamplifiers

These amplifiers represent the ultimate in preamplifier performance. They are designed for use as an ultra low noise, ultra high gain preamplifier for deepest fringe applications and MATV headend applications. Their very high signal handling also makes them suitable for use as a mast mounted, ultra low noise distribution amplifier for use in small MATV systems. They may be configured for either separate or combined VHF and UHF inputs. They include a switchable FM trap.

Order #	Mfr. #	VHF Gain	UHF Gain	Reg.	VIP
33-8960	7777	23dB	26dB	\$69.99	\$59.95
33-8965	7778	16dB	23dB	61.99	59.95



Ground Isolation Transformer

5MHz~2.4GHz bandwidth for use in antenna, cable television and satellite systems. Reduces the effects of ground loops such as herringbone, beat and audio hum.

Order #	Reg.	VIP
33-8700	\$19.99	\$14.99



CATV Security Tool

•Precision machined, high-quality security tool for connecting and disconnecting cables protected by a security sleeve
•Long shaft fits all types of sleeves

Order #	Description	Reg.	VIP
33-0025	Security tool	\$7.29	\$4.99
33-0030	Security sleeve	0.59	0.35



Flex Cable Clips

•Remarkably strong flexible clips grab cables without damaging them •Integrated Philips hex-head screws make installation quick and easy •100 clips per package

Order #	Description	Reg.	VIP
33-10860	Single, white	\$2.99	\$2.49
33-10862	Dual, white	2.99	2.49
33-10864	Single, black	2.99	2.49
33-10866	Dual, black	2.99	2.49



•Thin, flexible coax coupler allows you to run cables through closed windows or other narrow gaps •Peel-and-stick adhesive keeps jumper in place •Conforms to any angle •8" length

Order #	MSRP	VIP
33-10935	\$4.99	\$1.49



In-Line Surge Protector

Protect your cable modem, tuner, converter, decoder, and satellite receiver from power surges and caused by lightning strikes. Plugs directly into coax line. **Specifications:** •Frequency range: 5~2,400MHz •Insertion loss: 1.5dB max •Max surge current: 5000A

Order #	Reg.	VIP
33-10400	\$6.99	\$4.99



J-Pipe Mount

•Versatile all-in-one mount that can be used with antennas or satellite dishes
•Can be mounted on the roof, wall, chimney or any other flat surface •J-pipe is reversible from mounting foot for a variety of positioning options •Gray weatherproof coating •38" mast height •1 1/8" mast diameter

Order #	Reg.	VIP
33-10915	\$12.99	\$9.99



3' Tripods

•Used for mounting TV antennas and satellite dishes permanently or for temporarily
•Fits masts up to 1 1/8" (included with portable unit)

•Standard tripod uses six bolts to tighten down on mast, and can be anchored on all legs with three lag bolts each •Portable unit has integrated compass and bubble level, folds up for easy transportation, and secures to ground with anchor screw

Order #	Description	Reg.	VIP
33-10905	Standard	\$16.99	\$14.99
33-10910	Portable	15.99	14.99



ANTENNAS DIRECT Universal J-Mount

•Satellite dish mounting
•Pivoting foot mount offers the ideal solution for mounting nearly anywhere, including side of house, roof top, deck rail, or any other flat surface •Pipe is reversible from plate for more mounting angle options •20" mount is ideal for the

ClearStream antenna series **Includes:** •J-shaped mounting pole •Mounting bracket •Expansion bolts

Order #	Size	Reg.	VIP
30-2110	30"	\$17.99	\$13.99
30-2112	20"	16.49	12.99



EASY-UP Masts

16 gauge corrosion protected mast ideal for television and communication antennas. 5' section swagged at one end. 2 1/2" section ideal for use above rotator.

Order #	Size	Reg.	VIP
30-1080	2 1/2"	\$6.99	\$4.99
30-935	5'	11.99	9.99

UHF/VHF/HDTV Indoor Antenna

•An amplified UHF/VHF antenna that will receive all FM, DTV, and HDTV signals
•Adjustable amplifier for better control on reception gain •“F” type input for connecting external antenna, VCR, cable, or other source, or used stand-alone •Great for areas where an outdoor antenna is required for some stations, but nearby stations that are too strong require an indoor antenna •Frequency range: 40~860MHz •Max noise: 6dB •Max amplification: 28dB •Power source: 120VAC or optional 12VDC

Order #	MSRP	VIP
30-2160	\$24.95	\$14.99

TERK
TECHNOLOGIES

HDTV Indoor Antenna

Terk indoor HDTV directional antennas are optimized for HDTV reception. Both UHF and VHF elements are uniquely designed for reception of all available HDTV off-air broadcasts (channel 2~69). Highly directional UHF elements reduce signal interference and improve average return loss for better reception and superior performance.

Order #	Reg.	VIP
30-2000	\$39.99	\$34.95

RCA Passive Indoor Flat HD Antenna

•Paintable flat antenna is designed to disappear into any décor •Can be hung, lay flat, or stood vertically
•Advanced 360° reception eliminates need to adjust antenna while changing channels •Designed for HD reception and receives UHF/VHF/FM signals •Includes coax cable •Mfr. #ANT1500

Order #	Reg.	VIP
30-2175	\$34.99	\$34.95

Slim Indoor Antenna

•Slim antenna sets on or near your TV with a stable flip-out stand •Efficient, directional design with ultra-low noise amplifier maximizes digital reception •20dB gain •Noise (max): <4 dB Includes: •Antenna •6' coax cable •9VDC power adapter

Order #	Reg.	VIP
30-2210	\$19.99	\$14.99

Find the digital television converter you need at MCM.



Set-Top Digital Television Converter

- ✓Composite and S-Video output
- ✓“Scan Add” function

Compact tuner receives over-the-air digital television broadcasts, and is compatible with virtually any older model analog television or recording device. Internal RF modulator can place signal on CH3 or CH4 on televisions without composite or s-video inputs. Features:
•Compatible with all 18 ATSC signal formats •Line level audio and composite outputs, as well as s-video
•On-screen electronic program guide support •“Scan add” feature adds channels to the existing list (instead of overwriting), allowing simple integration with an antenna mounted on a rotor •Mfr. #CM-7000

Order #	Reg.	VIP
30-2122	\$89.99	\$84.99

RCA Flat Black HD Antenna

•Receives local digital TV broadcasts and FM radio signals •360° reception patented technology eliminates constant adjustment •Enhances reception by amplifying weak signals with a built-in ultra low noise amplifier •Can be hung on a wall or lie flat •Coax cable included •Mfr. #ANT1450B

Order #	Reg.	VIP
30-2170	\$29.99	\$24.97

TERK FM PRO 50

FM PRO is the clear choice for the FM enthusiast. Designed to provide exceptional long-range FM reception, it may be mounted indoors or outdoors for a totally unobstructed installation. #30-1205 has a weather-proof housing and is easily installed in an attic, exterior side of the home or indoors in a closet, garage or interior wall. New Advanced Capture Circuitry™ (ACC) ensures that strong signals are locked in and weaker broadcasts are received with less noise. Terk's exclusive Dual Drive Amplifier boosts signals above noise and interference, using a DC-driven phantom power supply that is easily connected to your receiver.

Order #	Reg.	VIP
30-1205	\$99.99	\$89.99

MCM HDTV Indoor Amplified Antenna

Ideally suited for indoor HDTV (UHF) off-air reception, this antenna features a low-profile boom design, rotational elements for improved directional gain, and a 7~13dB adjustable gain control (power adapter included).

Order #	Reg.	VIP
30-2100	\$19.99	\$14.99



COBY® Set-Top Digital Television Converter

Compact tuner receives over-the-air digital television broadcasts, and is compatible with virtually any older model analog television or recorder. Internal RF modulator will place signal on CH3 or CH4 on televisions without composite video inputs. Features: •Compatible with all 18 ATSC signal formats •On-screen electronic program guide support •Line level audio and composite video output •Coax antenna input •Coax antenna CH3 / CH4 output •Includes 27 button remote

Order #	Reg.	VIP
30-2202	\$49.99	\$39.99

Channel Master® INDOORtenna™ HDTV/UHF Antenna

•Excellent indoor HDTV/UHF reception •Passive antenna design allows for increased forward gain while minimizing interference from side and rear •Place on set-top or mount on the wall •Includes 110' of coax cable •Dimensions: 10" (L) x 11.5" (W) x 8" (H) •Mfr. #CM-4040

Order #	Reg.	VIP
30-2150	\$25.99	\$19.99

Basic Slim Antenna

•Receives HD and DTV signals •Super slim design can be laid flat or hung horizontally on wall, even behind your television •Includes coax cable •Mfr. #ANT1000

Order #	Reg.	VIP
30-2165	\$9.99	\$7.21

TERK AM/FM Tower

Positioned vertically, the tower receives signals from all directions with equal strength. Used horizontally, it becomes highly directional to pull in weaker and more distant stations. It also distinguishes between signal reflections and the main signal to eliminate overload and multipath difficulties. Specifications: FM stereo section: •Amplifier gain: Variable 0dB~25dB •Impedance: 75ohm adaptable to 300ohm input with included matching transformer •FM operating band: 88~108MHz AM stereo section: •AM operating band: 500~1700KHz •AM gain: 15dB •Range: 360° 17" (H) x 3 1/4" (W)

Order #	Reg.	VIP
30-1110	\$21.99	\$19.95

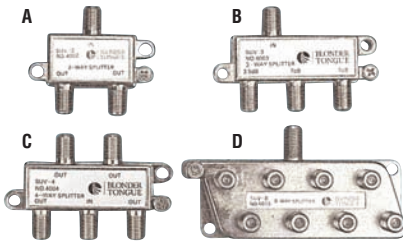
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Section 11 SATV/CATV

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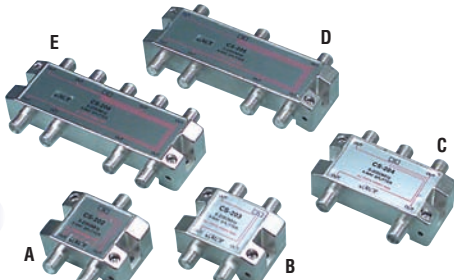


BLONDER TONGUE

Indoor Splitters

Performance to 1000MHz. 2, 3, 4 and 8 way models. Die-cast housing. RF shielding. Mounting tabs and grounding blocks.

Fig	Order #	Description	Reg.	VIP
A	33-2900	2-way	\$0.99	\$0.79
B	33-2905	3-way	1.79	1.69
C	33-2910	4-way	3.29	2.19
D	33-2915	8-way	6.59	4.99

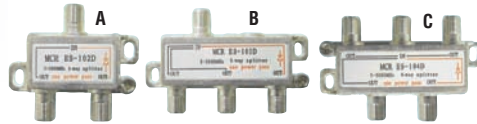


✓MCR

High Frequency Horizontal Satellite Splitters

High frequency splitters used for satellite and DSS applications. Power passive to operate in-line amps and multi-switches. Bandwidth: 5MHz~3000MHz.

Fig	Order #	Description	Reg.	VIP
1 Port Passive				
A	33-4350	2-Way	\$6.19	\$4.99
B	33-4355	3-Way	8.07	6.99
C	33-4360	4-Way	8.99	7.99
D	33-4365	6-Way	16.99	14.95
E	33-4370	8-Way	17.49	15.95
All Ports Passive				
A	33-4375	2-Way	6.19	4.99
B	33-4380	3-Way	8.39	6.99
C	33-4385	4-Way	9.21	8.49
D	33-4390	6-Way	16.99	14.95
E	33-4395	8-Way	17.49	16.50



✓MCR High Frequency RFI Splitters

DIRECTV® compatible high frequency performance to 3GHz. •Tin-plated zinc die-cast housing with soldered back to achieve RFI -130dB •Waterproof and airtight up to 30 P.S.I. with 4.55mm grounding hole and stainless steel screws •Low thru loss and high isolation with patent pending 360° insert pin. Bandwidth: 5MHz~3000MHz.

Fig.	Order #	Description	Reg.	VIP
A	33-10245	2-way	\$3.49	\$2.19
B	33-10246	3-way	3.89	2.79
C	33-10247	4-way	3.99	3.49



Distribution Panel

Creates an ideal entry level product for broadband distribution. Has one input for CATV or off-air antenna and six outputs. Four outputs are for up to 75' and two are for 150'. Has bi-directional capabilities allowing for compatibility with cable modem and interactive set-top boxes. **Specifications:** Bandwidth 54~806MHz. Gain: 20dB +/- 1dB.

Order #	Reg.	VIP
DA-506BID	\$82.99	\$79.95



✓MCR Vertical Splitters

•Nickel plated zinc die-cast housing •RFI shielding •2GHz splitters feature one power passive port marked on the splitter

Order #	Description	Reg.	VIP
5-1000MHz			
33-4880	2-way	\$3.19	\$2.79
33-4885	3-way	4.19	3.49
33-4890	4-way	5.04	3.99
33-4895	6-way	6.29	5.29
33-4900	8-way	7.29	6.09
5-2150MHz			
33-7140	2-way	6.19	5.49
33-7150	4-way	10.29	8.99
33-7155	6-way	15.99	14.95
33-7160	8-way	18.99	17.49



Channel Master® Distribution Amplifiers

•Commercial grade distribution amplifiers can be used for HDTV, CATV, off-air, analog, and digital RF distribution •Weather sealed housings •Average noise figure: 2.8dB •50~1000MHz

Order #	Mfr. #	Description	Gain	Reg.	VIP
30-2124	3410	1-way	15dB	\$34.99	\$29.99
30-2125	3412	2-way	11.5dB	41.99	32.99
30-2130	3414	4-way	8dB	46.69	34.99
30-2135	3418	8-way	4dB	-	49.99



BLONDER TONGUE

Multiple Dwelling Amplifier

Specifications: RF: •Frequency range: 47~550MHz •Gain: 32dB •Noise figure(a): 8.0dB •Output level: +44dBmV •Gain control range: 15dB •Slope control range: 10dB •Impedance all ports: 75ohm **General:** •Power requirements: •Voltage(d): 117VAC, ±10%, 24 •Frequency: 60Hz •Power: 13W •Mfr. #ACA 30-550

Order #	Reg.	VIP
33-2875	\$299.00	\$169.00



CHANNEL PLUS #DA-550HHR

High Headroom Distribution Amplifier

The DA-550s can handle an extremely wide range of input signals from both NTSC and digital HDTV. With outputs to eight televisions, coax runs up to 150', three inputs, one from a CATV or antenna and two from modulators, the DA-550 is the heart of a multi-room distribution system. The DA-550BID offers a 5~42MHz return path for bi-directional communication for use with cable modems and pay-per-view applications. The DA-550HHR is used with high performance antenna applications for off air digital and NTSC signals. **Additional features:** IR engine, remote power and expandable outputs.

Order #	VIP
DA-550BID	\$169.00
DA-550HHR	169.00



DATA COMM™ HDTV Adjustable Distribution Amplifier

•Instant cable provider signal strength indicator •Eliminates screw-on attenuators •Extends precise

signal strength beyond typical "no-loss" distribution amplifiers •Specifically designed for HDTV broadcasting (VSB8 & QAM64) •Meets and/or exceeds cable modem and PPV requirements •Protects equipment against voltage insertion •Eight independent adjustable attenuators (range: 0~40dB) •Nominal gain per output: 3dB+ •Forward bandwidth: 54~1.2GHz •Return bandwidth: 5~42MHz at 5dB gain •Maximum output on all 8 ports: +25dBmV/CH •Typical noise figure: < 4.5dB •Surge protection on all 8 ports: 6KV/3KA

Order #	Mfr. #	Description	Reg.	VIP
33-11045	70-0039	HDTV adjustable distribution amplifier	\$199.00	\$189.00
33-11046	70-0019	Custom 19" rack adapter	39.99	36.99
33-11047	70-0041	Custom enclosure adapter	19.99	17.99

MCM stocks a wide variety of Channel Vision structured wiring products.



CHANNEL VISION™ Structured Wiring Panels

• Modular layout of these sturdy cabinets provides upgradeability and easy access • May be surface mounted or installed between studs

Order #	Mfr. #	Description	Height	Reg.	VIP
50-12700	C0112	Complete panel enclosure with cover	12"	\$45.99	\$42.29
50-12702	C0112C	Panel cover	12"	12.89	11.89
50-12704	C0112E	Panel enclosure only	12"	30.99	28.49
50-12706	C0112HC	Hinged panel cover	12"	14.99	13.79
50-12720	C0119	Complete panel enclosure with cover	19"	57.99	53.39
50-12722	C0119C	Panel cover	19"	16.39	15.09
50-12724	C0119E	Panel enclosure only	19"	38.19	35.19
50-12730	C0128	Complete panel enclosure with cover	28"	88.99	81.89
50-12732	C0128D	Hinged smoked Plexiglas door	28"	122.00	112.50
50-12734	C0128E	Panel enclosure only	28"	59.99	55.19
50-12736	C0128HC	Hinged panel cover	28"	27.99	25.79
50-12740	C0138	Complete panel enclosure with cover	38"	119.00	109.50
50-12742	C0138D	Hinged smoked Plexiglas door	38"	150.00	139.00
50-12744	C0138E	Panel enclosure only	38"	81.99	75.49
50-12746	C0138HC	Hinged panel cover	38"	37.99	34.99
50-12750	C0150	Complete panel enclosure with cover	50"	165.00	152.00
50-12752	C0150D	Hinged smoked Plexiglas door	50"	175.00	162.00
50-12754	C0150E	Panel enclosure only	50"	110.00	102.00
50-12756	C0150HC	Hinged panel cover	50"	52.99	48.75

CHANNEL VISION™ Forward Path Signal Amplifier

• Works with all Channel Vision structured wiring panels • Provides forward amplification from 54MHz~1GHz • Provides 5~42MHz passive return path • May be directly or remotely powered via included AC adapter

Order #	Mfr. #	Gain	Reg.	VIP
50-12826	C0310	10dB	\$51.00	\$46.99
50-12830	C0315	15dB	117.00	109.00



CHANNEL VISION™ Four Way Amplified Splitter

• Works with all Channel Vision structured wiring panels • Provides 8dB amplification from 54MHz~1GHz to four outputs • Provides 5~42MHz passive return path • Mfr. #C0314

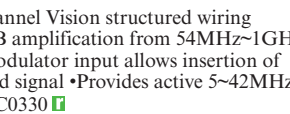
Order #	Reg.	VIP
50-12828	\$57.99	\$53.99



CHANNEL VISION™ Eight Way Amplified Splitter

• Works with all Channel Vision structured wiring panels • Provides 5dB amplification from 54MHz~1GHz to eight outputs • Modulator input allows insertion of separately modulated signal • Provides active 5~42MHz return path • Mfr. #C0330

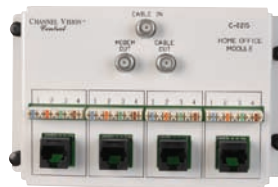
Order #	Reg.	VIP
50-12832	\$142.00	\$129.00



CHANNEL VISION™ Home Office Module

• Works with all Channel Vision structured wiring panels • Provides coax split for cable modem and CATV • Four RJ-45 connectors with 110 punch down blocks • Mfr. #C0215

Order #	Reg.	VIP
50-12810	\$49.99	\$45.99



CHANNEL VISION™ 16 Port Amplified Splitter

• Provides sufficient amplification to drive 16 outputs • Provides 5~42MHz passive return path • DC passive allows use with IR systems • Works with all Channel Vision structured wiring panels • Mfr. #C0332

Order #	Reg.	VIP
50-12834	\$85.99	\$79.99



CHANNEL VISION™

High Gain Bi-Directional Signal Amplifier

• Provides 40dB forward gain from 54MHz~1GHz • Provides 20dB return gain from 5~42MHz • Works with all Channel Vision structured wiring panels • Independent forward and return path tilt and gain controls

Order #	Reg.	VIP
50-12836	\$259.00	\$239.00

CHANNEL VISION™ Low Cost Wiring Panel with Cover

• May be surface mounted or flush mounted between wall studs • Rigid plastic construction • Hinged cover • Knockout for standard junction box • Dimensions: 12" (H) x 14.25" (W) x 3.5" (D) • Mfr. #C0113

Order #	Reg.	VIP
50-12710	\$25.89	\$23.79



CHANNEL VISION™ Passive Coax Splitters

• Perfect for cable and antenna systems • Easily snap into Channel Vision enclosures

Order #	Mfr. #	Bandwidth	Outputs	Loss	Reg.	VIP
50-12800	C0202	1GHz	Two	3.5dB	\$9.99	\$9.19
50-12802	C0204	1GHz	Four	7.0dB	14.59	13.49
50-12804	C0208	1GHz	Eight	11.0dB	22.99	21.19
50-12818	C0232	2GHz	Two	3.5dB	12.99	11.99
50-12820	C0234	2GHz	Four	7.0dB	17.99	16.59

CHANNEL VISION™ Basic CATV/Phone Service Module

• Distributes four telephone lines to six locations • Distributes antenna or CATV signal to four locations • Works with all Channel Vision structured wiring panels • Mfr. #C0214

Order #	Reg.	VIP
50-12808	\$35.39	\$32.59



Multi Channel Agile RF Modulators

• Works with all Channel Vision structured wiring panels • Models available with two, three or four channel outputs • Operates on UHF 14~78 and ultraband channels 65~135 (excluding 95~99) • IR outputs are compatible with Channel Vision IR coax engine products.

Order #	Mfr. #	Channels	Reg.	VIP
50-12838	C0352	2	\$259.00	\$239.00
50-12840	C0353	3	349.00	329.00
50-12842	C0354	4	369.00	339.00

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www.MCMelectronics.com | 1-800-543-4330

Enter source code from back cover in web shopping cart for sale prices.





High Isolation Switches

•Three-way coaxial A/B/C switch •Use for antenna, CATV or VCR •Greater than 65dB isolation through 550MHz and 50dB through 900MHz

Order #	Description	Reg.	VIP
33-1490	A/B/C	\$10.99	\$5.99
33-1485	A/B	6.19	3.99



Remote Control A/B Switch

•You'll never have to leave the comfort of your chair with this infrared remote control video switch •Allows you to switch between two 75ohm inputs (cable, antenna, satellite or dual cable systems) •75ohm output (TV) •AC adapter: 120VAC/12VDC, 100mA included •5MHz-900MHz bandwidth •89dB isolation •UL listed •Remote requires two "AA" batteries not included

Order #	Description	Reg.	VIP
32-4425	Switch	\$30.99	\$19.99
32-4426	Replacement remote	\$8.59	7.19



Stellar Labs™ SLV A/V RF Modulator

- ✓Accepts composite video/line level audio source
- ✓Selectable output on CH3 or CH4
- ✓Auto switching between antenna and A/V source

The mini RF modulator is a compact, inexpensive modulator that will convert any composite video source to VHF for viewing on your TV on either channel 3 or 4. Its low signal loss enables it to deliver excellent picture and sound quality. This modulator allows you to connect additional A/V components, such as a DVD player or a gaming system, to your TV when there are no available RCA jacks. **Inputs:** Three RCA (composite video and stereo audio), one "F".

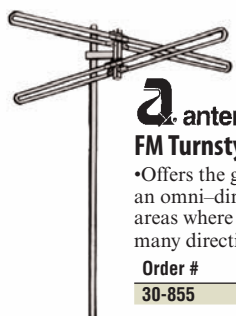
Order #	MSRP	Reg.	VIP
33-9775	\$19.99	\$12.99	\$9.99



Tru-Spec™ Fixed Mini-Type Attenuator Pads

Features: Nickel-plated, solid brass body, monolithic ceramic printed circuit board, ensuring rugged construction, etched glaze-type resistors provide $\pm 5\%$ accuracy and excellent return loss, small 1.375" size, 22-gauge spring steel center pin, female to male fitting, not DC passive. **Specifications:** •Bandwidth: 100KHz-1750MHz •Return loss: 20dB typical •Accuracy: $\pm 5\%$

Order #	Description	Reg.	VIP
33-2750	3dB	\$1.39	\$0.99
33-2755	6dB	1.39	0.99
33-2760	8dB	1.39	0.99
33-2765	10dB	1.39	0.99
33-2770	12dB	1.79	1.29
33-2775	16dB	1.39	0.99
33-2780	20dB	1.39	0.99



antennacraft FM Turnstyle

•Offers the gain of a folded dipole with an omni-directional pattern •Works in areas where stations are situated in many directions

Order #	Reg.	VIP
30-855	\$21.99	\$19.95

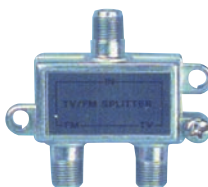


Tru-Spec™ Digital UHF Modulator

- ✓Accepts composite video/line level audio source
- ✓Selectable output on UHF 14-69 and CATV 65-139
- ✓LED output channel display

The USM-8D is a low cost, frequency stable, UHF modulator developed for use in adding satellite, VCR, or security video channels to an existing home distribution system. The frequency adjustable feature allows multiple channel use at an extremely low cost. **Specifications:** •Frequency range: UHF channels 14-69 and CATV channels 65-139 •Video input: Composite •Output impedance: 75ohm •Output level: 7dBmV •Power input: 115VAC, 60Hz, 5W •Connectors: "F" for RF, RCA video and audio •Mfr. #USM-8D

Order #	Reg.	VIP
33-2740	\$49.99	\$42.95



CATV FM Tapoff

•Zinc die-cast mounting •Provides connection to stereo tuner for MTV and other FM broadcasts usually available on cable TV lines

Order #	Reg.	VIP
33-350	\$2.99	\$1.69



FM Dipole Antennas

These high-quality FM dipole antennas can be used for many newer FM tuners and receivers. Available in three configurations:

300ohm spade terminals, 75ohm male "F" connector and 75ohm female PAL connector. These antennas are constructed from high-quality 300ohm twin-lead and perform significantly better than the OEM supplied straight wire or a split two conductor antennas providing high-quality FM reception.

Order #	Description	Reg.	VIP
30-1530	Male "F" connector	\$2.29	\$1.99
30-1535	Female PAL connector	2.99	1.49
30-110	Spade terminals	2.39	1.99



Stellar Labs™ RF Modulator

Allows connection of any audio/video source to a television without RCA inputs. Modulator is also Cascadable (using standard CATV signal combiners), allowing a single coaxial cable to carry multiple video sources. **Features:** •Three RCA inputs (composite video and stereo audio) •Digital channel display •CATV channels: 64-125 (except 95-99) •UHF channels: 14-69 •3' coaxial cable included •Channel memory •Operates on 9VDC, 200mA power supply (included)

Order #	MSRP	Reg.	VIP
33-11095	\$49.99	\$29.99	\$24.99



Cable Modem Isolator

Separates and isolates noise/EMI caused by higher cable modem transmission signals. Improves internet download reliability and reduces cable modem "sync" problems. Easily plugs into coax wall jack allowing dedicated runs to a cable modem and TV tuner.

•Frequency range: 10-770MHz •Insertion loss: <5.0db

Order #	Reg.	VIP
33-10395	\$3.99	\$2.99



75ohm TV Interference Filters

•Used in cable or antenna systems to remove interference affecting picture quality

Order #	Reg.	VIP
33-0070	\$2.89	\$1.99



MCM

Composite Video to S-Video Adapter

This high-quality adapter converts composite video to S-video and S-video to composite video. The adapter measures only 1 1/4" long and 1/2" in diameter allowing it to plug directly into the equipment and solves the problems associated with mixing composite and S-video inputs and outputs.

Order #	Description	Reg.	VIP
33-0001	S male to RCA female	\$7.89	\$2.99
33-0002	S female to RCA female	6.39	2.99
33-0003	S female to RCA male	6.59	2.99

Connect multiple source components with ease with selectors from MCM.



TERK Volume Regulator

The VR-1 features Advanced Digital Signal Processing technology that automatically adjusts sound levels without introducing additional noises. With response as quick as .002 seconds, the VR-1 delivers consistent audio levels when sudden loud noises such as explosions are present. The VR-1 is easy-to-install and is compatible with any A/V device. Mfr. #VR-1.

Order #	Reg.	VIP
33-9635	\$42.99	\$29.99



MCM Remote Control Audio/Video Selector

This switcher can handle almost any consumer audio/video device you can throw at it. With the most common audio and video inputs; S-video, composite video, toslink digital audio and line level audio, you can connect your DVD, satellite receiver, VCR or game system to your home entertainment system. The switcher has three audio/video inputs and one audio/video output and an ultra thin remote control.

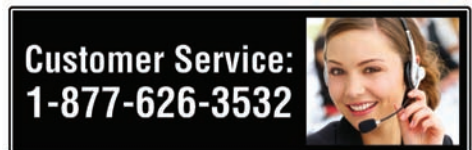
Order #	Reg.	VIP
33-7755	\$51.49	\$44.99



Stellar Labs™ Composite/S-Video to HDMI Scaler

•Use your composite and S-video equipment with HDMI televisions, switches, receivers and more
•Basic upscaling to 720P at 60MHz •Syncs audio and video channels •Works with any HDMI to DVI adapter •Dimensions: 6.1" x 2.75" x 0.90" •Includes 5V, 2A power supply

Order #	MSRP	VIP
33-10720	\$179.00	\$59.99



MCM accepts Visa, Mastercard, Discover, American Express and IMPAC Government Visa.



Stellar Labs™ HDMI 4 x 2 Matrix Switch

Simple solution for feeding multiple HDMI sources to two different displays. Digital coaxial output allows for connection to home theater amplifier. Audio signal can also be transmitted via HDMI. **Features:** •HDMI 1.3, HDCP 2.0 compliant •Digital coaxial audio output (output A only) •Supports up to 1080p resolution •Remote control included •Dimensions: 8 3/4" (W) x 1" (H) x 2 3/4" (D)

Order #	MSRP	Reg.	VIP
33-11100	\$179.99	\$99.99	\$89.99

Stellar Labs™ Three Way HDMI Switch

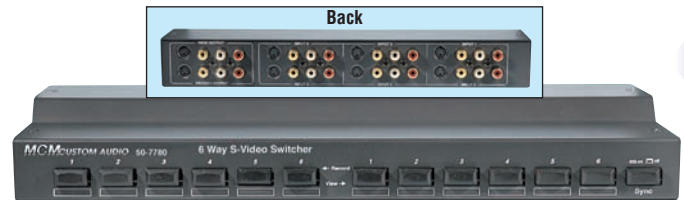
•Supports 1080p resolution •Automatically switches between HDMI input sources •Push button operation •Remote control included for manual operation •Two rear panel inputs, on front panel input •Rear panel output •HDMI v1.3 HDCP compliant •5VDC, 1A power supply (included)



Order #	MSRP	Reg.	VIP
33-11105	\$69.99	\$39.99	\$34.99

MCM CUSTOM AUDIO Six-Way Video Selector

Tabletop video switcher provides independent selection of up to six A/V sources, routing them to two different destinations. Select from inputs such as a satellite receiver, digital cable box, DVD player, DVR, VCR or video game. Dual outputs, with independent selectors, allow easy recording of one source, while viewing another, or viewing of two different sources on separate monitors. Inputs and outputs are standard line level L/R audio, composite video, and S-video. S-video connections are standard four-pin DIN female, all others are RCA type female. Rugged metal enclosure measures 1 1/4" (H) x 11 1/2" (W) x 5 1/4" (D), including non-skid rubber feet. **Note:** Either composite or S-video inputs may be utilized, but not both. This selector will not convert from one video format to the other. Passive device requires no power.



Order #	MSRP	Reg.	VIP
50-7780	\$69.95	\$41.89	\$34.99

RCA RF Modulator and Video Switcher

✓Four input selector
✓Accepts S-video or composite video/line level audio sources
✓Selectable output on CH3 or CH4

•Lets you connect components with S-video or composite output (DVD, satellite) to a TV without A/V jacks, by modulating the signal to RF •Ideal for hooking up several components to a TV •Combines RF modulator and S-video switcher into one unit •Converts any input (S-video, composite, A/V, stereo) to RF output •A/V and S-video switching •Composite to S-video converter •Front input, stereo input •Gold plated connectors



Order #	Reg.	VIP
CRF940	\$29.99	\$25.99

MCM Audio/Video Selector

•Perfect for the entertainment center •Combines four different video devices (VCR, laser disc player, etc.) into one output •Compatible with both mono and stereo devices •Four audio/video inputs, one audio/video output •20Hz~10MHz frequency range •Isolation 30dB minimum

Order #	Reg.	VIP
32-4420	\$20.39	\$12.99



SATV/CATV

CE Labs is the leader in HDTV signal distribution.



HDMI Distribution Amplifiers

Split one HDMI source to distribute to multiple high-definition displays. Ideal for retail displays, entertainment venues, and multiple residential displays. Extends the range of HDMI compliant device by equalizing and boosting the HDMI signal up to an additional 50'. **Specifications:** •Input/output: HDMI v1.2a+, HDCP 1.0/1.1 •Video formats supported: VGA 1920 x 1200 and 1080p •Operating frequency: Up to 165MHz •External power supply (included): 5VDC for 110V

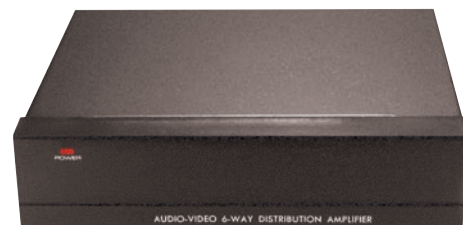
Order #	Description	MSRP	Reg.	VIP
33-10540	1 x 2	\$179.00	\$54.99	\$49.99
33-10542	1 x 4	249.00	119.00	99.99
33-10545	1 x 8	399.00	249.00	209.00



HDMI 4 x 2 Matrix Switch

Easily switch between four HDMI sources to two high-definition displays. Extends the range of HDMI compliant devices by equalizing and re-clocking the HDMI signal. Included discrete IR remote control allows user to switch sources from across the room. **Specifications:** •Input/output: HDMI v1.3, HDCP 1.0/1.1 •Video formats supported: Up to computer 1600 x 1200 and HD 1080p •Video amplifier bandwidth: 1.65Gbps •Power consumption: 20W (max) •External power supply (included): 5VDC for 110V •Dimensions: 4 1/2" (L) x 1 1/8" (H, with feet) x 10 1/2" (W)

Order #	MSRP	Reg.	VIP
33-10525	\$399.00	\$119.00	\$99.99



Six-Way Audio/Video Distribution Amplifier

•Perfect for in-store display demonstration walls or karaoke display •One input distributes six amplified outputs •Video and stereo sound input via RCA jacks •Six outputs, video and stereo sound via RCA jacks •Frequency range: 20Hz~10KHz •Isolation: 30dB minimum •Video input: 75ohm •Audio input: 20Kohm •Operates from 15V/300mA adapter •Adapter included

Order #	Reg.	VIP
32-4435	\$30.59	\$26.99



Component Audio/Video HDTV Distribution Amplifier

- ✓Single input with eight outputs
- ✓Loop through output to cascade additional units
- ✓Accommodates component video (Y/Pr/Pb) applications
- ✓Accommodates L/R line level audio

Distribute digital/HDTV and analog television signals from a single A/V source to nine televisions/receivers, or use one of the output ports to cascade additional distribution amplifiers. **Features:** •Component video (Y, Pr, Pb) and audio distribution •Compatible with all HDTV, digital and analog signals •High performance, low distortion, one-to-one signal ratio ensures equal picture quality •Unlimited cascade capability •Mfr. #AV901COMP

Order #	Reg.	VIP
33-10080	\$115.00	\$102.00



HDMI To Composite Scaler

•HDMI 1.2a compliant •HDCP content protection compliant (pass signal with HDCP downgrade) •Converts signal from HDMI formats 480i, 480p, 576p, 720p, 1080i, 1080p (digital signals), to NTSC 480i (analog signal) •Easy installation •Audio output impedance: 1Kohm •Power requirement: 5VDC, 1A with 2.1mm power jack •Power supply included •Mfr. #HSC11

Order #	Reg.	VIP
33-11065	\$99.99	\$94.99



MCM CUSTOM AUDIO

A/V Distribution Amplifier/Selector

Tabletop distribution amplifier allows selection between two A/V inputs and provides up to four outputs. Independent left and right audio signal paths allow compatibility with stereo sources including CD/DVD players, VCRs, video games and satellite receivers. Front panel pushbutton selects between two input sources, and internal amplifier maintains signal quality when distributed to four outputs. Gain at each output is 2dB over input signal level. Rugged metal enclosure measures 1 1/2" (H) x 7" (W) x 2 1/4" (D), including non-skid rubber feet. Color-coded input/output connections are RCA type female. Requires 12VDC, AC adapter included.

Order #	MSRP	Reg.	VIP
30-1376	\$49.95	\$32.69	\$24.99



S-Video Distribution Amplifier

Allows for multiple signal distribution equal to the source signal input. Four way audio/video distribution amplifier with S-video inputs and outputs. Features high performance, low distortion and true one-to-one signal ratio. These professional grade amplifiers are cascadable for use in large displays and are enclosed in metal housings to reduce interference. Mfr. #AV400SV

Order #	Reg.	VIP
33-7045	\$69.99	\$65.89



High-Performance Distribution Amps

- ✓Single input with four or seven outputs
- ✓Accommodates L/R line level audio and composite video

These high-performance distribution amplifiers feature specifications such as a true one-to-one ratio, no signal loss, low noise, low distortion and unity gain.

Order #	Mfr. #	Outputs	Reg.	VIP
33-6875	AV400	Four	\$49.96	\$43.89
33-6880	AV700	Seven	64.95	57.09



Five Channel DC Isolation Unit

•This isolation transformer connects into the audio/video system and breaks the ground path through cables between components •Eliminates the dreaded hum bars •Compatible with HD component distribution amplifiers •Up to three video channels may be used for three individual composite video signals if desired •Mfr. #DCB101

Order #	Reg.	VIP
33-11062	\$39.99	\$36.99



HDMI Distribution Amplifier

•Enhanced amplified signals for longer cable runs •HDMI/HDCP compliant •Supports high-resolution displays of UXGA, 480i, 480p, 720p, 1080i, 1080p •Secure HDMI connection with integrated cable retention bracket •Multiple amplifiers can be cascaded for additional high definition distribution

Order #	Mfr. #	Description	Reg.	VIP
33-11055	HA4-3	1 x 4	\$239.00	\$209.00
33-11057	HA8	1 x 8	389.00	349.00

Affinity™ Digital Cable Combiner

Allows signal from any standard RF modulator to be injected directly onto a digital cable feed, without the need for additional filters. Kit consists of two pieces, the signal combiner and remote IR coax target. Simply place the signal combiner at the source, and the IR coax target at the remote television. The included IR remote allows the user to select between the modulated source and digital cable. The system also provides an IR engine, allowing remote control of source devices, with the simple addition of standard IR targets at the signal combiner. Mfr. #P0321

Order #	Reg.	VIP
50-12940	\$129.00	\$108.00



e-labs Component Audio/Video HDTV Distribution Amplifier with Digital Audio

- ✓ Single input with four outputs
- ✓ Loop through output to cascade additional units
- ✓ Compatible with Y/Pr/Pb and composite video applications
- ✓ Accommodates L/R line level and SPDIF digital audio

Allows for multiple signal distribution equal to source signal input. Distribute digital/HDTV and analog television signals, including digital audio and composite video from a single A/V source to five televisions/receivers, or use one loop-thru output port to cascade additional distribution amplifiers. **Features:** •Component video (Y, Pr, Pb, or Y, Cr, Cb), composite video and SPDIF digital audio distribution •Compatible with all HDTV, digital and analog signals •High bandwidth (>50MHz) performance, low distortion, and one-to-one signal ratio ensures equal picture quality **Power:** •9~10VAC, 500mA adapter included •Mfr. #AV501HDX

Order #	Reg.	VIP
33-10087	\$149.00	\$135.00



MCM Audio/Video Selector

- Combines four different video devices into one output
- Compatible with both mono and stereo devices •RCA inputs and outputs

Order #	Reg.	VIP
32-4420	\$20.99	\$12.99

e-labs HD A/V Transmitter Over Cat 5 or 6

- Distributes high definition component or composite video and digital audio over extended distances using Cat 5 wire •Active amplification ensures high-quality transmission •Loop output for use of additional Cat 5 transmitters •Six Cat 5 outputs for additional locations •Discrete passive IR channel for the use of external IR remote control systems •For use with Cat5RX receivers (#33-10256) •Mfr. #C5T6

Order #	Reg.	VIP
33-11060	\$199.00	\$179.00



MCM stocks a wide variety of solutions for HDMI signal distribution.



Stellar Labs™ HDMI Scaling Media Center

- Scale all source inputs to 1080p and send them over a single HDMI cable to your display •Switch among six sources: Two HDMI, two analog (composite, S-video, or component), and two VGA •HDMI v1.3, HDCP •IR remote control

Order #	MSRP	Reg.	VIP
33-10800	\$429.00	\$269.00	\$199.00



e-labs HDMI Active Balun Set

- Complete set allows HDMI signals to be sent up to 50 meters, over two CAT5e cable runs. **Features:** •Transmits 1080i resolution up to 50m, and 1080p resolution up to 30m •Dip switch digital level and EQ adjustments •Rugged metal housing •Weight: 1.4lbs. •Mfr. #HM6EK

Order #	Reg.	VIP
33-11050	\$199.00	\$179.00



e-labs Compact High Definition Digital Media Player

- Plays media (MPEG1, MPEG2, MPEG4, DivxHD, WMV and WVM9-HD) from included 2Gb compact flash, thumb drive (not included), or from your network via Ethernet •Ideal for video signage, high definition TV wall displays •Durable construction for 24/7 playback •Outputs: Component video, VGA, composite video, digital audio, L/R audio •Mfr. #HD300ZX

Order #	Mfr. #	Description	Reg.	VIP
33-11070	HD300ZX	HD digital media player 1080i	\$349.00	\$315.00
33-11071	QS300	Quicksign software for HD300ZX	99.99	94.99
33-11072	MPWLK	Wireless networking option	79.99	71.99

HDMI 1.3 Input Switch

- Easily switch between multiple HDMI sources while running a single HDMI cable to your high-definition display •Extends the range of HDMI compliant device by equalizing HDMI signal •Included discrete IR remote (not included with #33-10532) •Auto sensing inputs allow switching between only active HDMI sources **Specifications:** •Output video: HDMI 1.3b + HDCP 1.0/1.1 •Video formats supported: Up to VGA 920 x 1200 and HD 1080P •Video amplifier bandwidth: 2.5Gbps/250MHz •External power supply (included): 2A 5VDC for 110V (neither included nor required for #33-10532)

Order #	Description	MSRP	Reg.	VIP
33-10532	2 x 1	\$59.95	\$24.99	\$19.99
33-10533	3 x 1	79.95	31.99	30.99
33-10535	5 x 1	109.00	49.99	39.99

e-labs Digital Media Player

- Excellent cost-effective digital signage solution in stand-alone applications •Easily installs on the back of most LCD panels •Easy-to-use interface •Includes remote control •Playback formats: (video) MPEG-1, MPEG-2, MPEG-4, (audio) WAV, MP3 •Supported media cards: Compact flash type I/II, IBM micro drive, MMC, MS, MS-Pro, MS-Duo, SD •Package includes: Digital media player, stereo audio cable, infrared remote control, user manual, composite video cable, S-video cable, and power adapter •Mfr. #MP50A

Order #	Reg.	VIP
33-11075	\$179.00	\$161.00



e-labs HD Digital Media Player

- Use any HD display for digital signage applications •High-definition real time decoding up to 25Mbps over ethernet •Multi-layering video and web browser •Integrated event logging •UDP/RTP multicast stream MPEG2 and H.264 decoding •Integrated play list •Media files •Programmable durations •Loop and schedule functions •Multiple play list support •Includes 4Gb flash card

Order #	Mfr. #	Description	Reg.	VIP
33-11080	MP400A	HD digital media player	\$799.00	\$719.00
33-11081	QS400A	Quicksign software for MP400A	99.99	94.99

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Baluns are the easiest way to distribute A/V signals.



MCM CUSTOM AUDIO

Component Video Balun with Digital Audio

•Accommodates component video (Y/Pb/Pr) •Provides path for SPDIF audio •Convenient pigtail leads •400' max distance •Sold individually, must be used in pairs

Order #	MSRP	Reg.	VIP
50-7722	\$109.00	\$45.89	\$36.00



MCM CUSTOM AUDIO

Component Video Balun

•Accommodates component video (Y/Pb/Pr) •Female red/green/blue RCA connections •400' max distance •Sold individually, must be used in pairs

Order #	MSRP	Reg.	VIP
50-7720	\$99.95	\$40.79	\$32.00

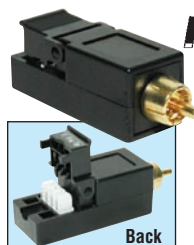


MCM CUSTOM AUDIO

Active HDMI Over Dual Category 5 Balun Set

•Complete kit consists of an active transmitter and receiver set for sending HDMI signals over dual Cat 5 or Cat 6 cable runs •Power is required at the receiver end, UL listed AC adapter is included •Supports computer resolutions up to 1920 x 1200 (WUXGA), 12 bit color depth •Distances: 720p: 200', 1080i: 165', 1080p: 100'

Order #	MSRP	Reg.	VIP
50-10245	\$199.00	\$109.00	\$84.95



MCM CUSTOM AUDIO

Line Level Audio Balun

•Accommodates line level video •Male RCA connector •Accepts unterminated Cat 5 cable •1,000' max distance

Order #	MSRP	Reg.	VIP
50-7742	\$25.95	\$15.29	\$10.95



MCM CUSTOM AUDIO

VGA Balun Series

•Interchangeable wall plate and stand alone models •Accommodates VGA signals •Range up to 450' •Distance (Cat 5): VGA (640 x 480): 450', SVGA (800 x 600): 350', XGA (1024 x 768): 250', SXGA (1280 x 1024): 200' •Note: Baluns are sold individually and must be used in pairs, a pair must include one PC side balun and one monitor side balun

Order #	Type	Side	VGA Connector	MSRP	Reg.	SALE
50-10250	In-line	PC	Male	\$99.95	\$45.89	\$44.95
50-10255	In-line	Monitor	Female	99.95	45.89	44.95
50-10265	Wall plate	PC	Female	99.95	45.89	44.95
50-10270	Wall plate	Monitor	Female	99.95	45.89	44.95



MCM CUSTOM AUDIO

BNC Video + DC Power Balun

•Accommodates composite video •Provides path for 12VDC power •Convenient 8" BNC pigtail •1,000' max distance

Order #	MSRP	Reg.	VIP
50-7746	\$39.95	\$20.39	\$15.95



MCM CUSTOM AUDIO

BNC Video Balun

• Use to send composite video signal over Cat 5 cable •Accommodates component video •Convenient 8" BNC pigtail •Accepts unterminated Cat 5 cable •1,000' max distance •Sold individually, must be used in pairs

Order #	MSRP	Reg.	VIP
50-7751	\$29.95	\$15.29	\$12.95



MCM CUSTOM AUDIO

L/R Audio Balun

•Convenient pigtail leads •1,000' max distance •Send two channels of unbalanced line level audio over Cat 5 cable

Order #	MSRP	Reg.	VIP
50-7725	\$59.95	\$29.39	\$16.00

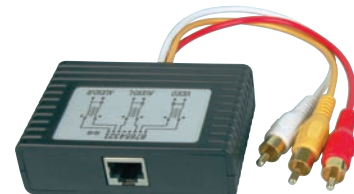


MCM CUSTOM AUDIO

L/R Audio/Video Balun

•Accommodates composite video and L/R line level audio •Female red/white/yellow RCA connections •1,000' max distance

Order #	MSRP	Reg.	VIP
50-7730	\$79.95	\$30.59	\$25.00



MCM CUSTOM AUDIO

L/R Audio/Video Balun

•Accommodates composite video and L/R line level audio •Convenient pigtail leads •1,000' max distance •Sold individually, must be used in pairs

Order #	MSRP	Reg.	VIP
50-7732	\$79.95	\$32.69	\$26.00



MCM CUSTOM AUDIO

Four Channel Video Baluns

•Transmit up to four composite video signals up to 1000' using a single Cat5 cable run •Bandwidth: 50Hz~8MHz

Order #	Connectors	MSRP	Reg.	SALE
50-7768	RCA	\$74.95	\$30.59	\$26.00
50-7769	BNC	74.95	30.59	26.00



MCM CUSTOM AUDIO

L/R Audio Balun

•Send two channels of unbalanced line level audio over Cat 5 cable •Convenient pigtail leads •1,000' max distance •Sold individually, must be used in pairs

Order #	MSRP	Reg.	VIP
50-7724	\$69.95	\$22.49	\$19.00

Save money and gain flexibility sending A/V signals over Cat 5 cable.

MCM CUSTOM AUDIO

Video Balun Wall Plate

Use to send composite video signal over Cat 5 cable. This balun mounts in a standard single gang opening and is compatible with standard decora style wall plates. It features a yellow female RCA connector, and female RJ-45 jack. Sold individually, all baluns must be used in pairs, and may be used in conjunction with MCM balun models #50-7710, 50-7748, 50-7745 and 50-7750. Place one balun at each end of a Cat 5 cable up to 1000' in length. Utilizes one pair (pin 7/8) of Cat 5 cable. **Specifications:** •Bandwidth: 50Hz~8MHz •Distance: 1000' max, using 24AWG UTP

Order #	MSRP	Reg.	VIP
50-10280	\$14.29		\$11.99

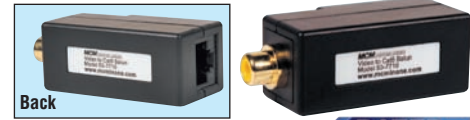


MCM CUSTOM AUDIO

Decora Style Component Video plus Audio Balun

•Transmits component video and coaxial digital audio up to 400' over Cat 5e •Mounts in a single gang opening •Sold individually, must be used in pairs

Order #	MSRP	Reg.	VIP
50-10295	\$109.00	\$38.79	\$29.99



MCM CUSTOM AUDIO

Composite Video Balun

•Send video signal over Cat 5 •Utilizes one pair (pin 7/8) of Cat 5 cable •Maximum distance: 1000' •Sold individually, must be used in pairs

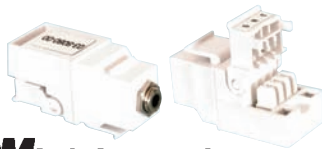
Order #	MSRP	Reg.	VIP
50-7710	\$34.95	\$11.29	\$7.99

MCM CUSTOM AUDIO

Keystone Mount 3.5mm Connector

This keystone insert features a standard 3.5mm three-conductor female jack which may be used in two or three conductor applications. It is ideal any time a 3.5mm connector is needed at a wall plate. Rear mounted IDC connector allows simple, fast connection to unterminated Cat 5 cable, or any 22-24AWG solid or stranded, UTP or shielded wire. **Maximum voltage:** 24VAC/DC, 1A. **Applications:** •Remote location of headphone jacks •Remote microphone connections •Remote input from PC sound card, MP3 player or iPod™ •IR repeater connection •Remote triggering of A/V components •Low voltage DC connection •Sold individually

Order #	MSRP	Reg.	VIP
50-7753	\$12.95	\$7.49	\$4.99

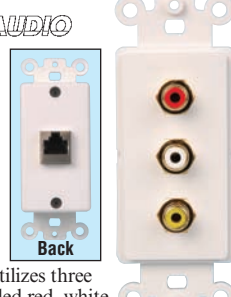


MCM CUSTOM AUDIO

L/R Audio Video Balun Wall Plate

Use to send two channels of line level audio, plus composite video signal over a single Cat 5 cable. This balun mounts in a standard single gang opening and is compatible with standard decora style wall plates. It utilizes three RCA female jacks color coded red, white and yellow on the front, with a female RJ-45 jack on the rear. Sold individually, all baluns must be used in pairs, and may be used in conjunction with MCM balun #50-7732 and 50-7730. Place one balun at each end of a Cat 5 cable up to 1000' in length. Utilizes three Cat 5 cable pairs: •Red: Pin 1/2 •White: Pin 3/6 •Yellow: Pin 7/8 **Specifications:** •Audio bandwidth: 10Hz~50KHz •Video bandwidth: 50Hz~8MHz •Distance: 1000' max, using 24AWG UTP

Order #	MSRP	Reg.	VIP
50-10290	\$27.59		\$22.19



MCM CUSTOM AUDIO

RCA Composite Video Balun

✓Accommodates composite video
✓Male RCA connector
✓Accepts unterminated Cat 5 cable
✓1,000' max distance

Use to send composite video signal over Cat 5 cable, this balun features very compact size, and a male RCA connector for easy attachment directly to equipment including monitors, VCRs, DVD players, processors and cameras. A specially designed tool-less IDC connector provides quick, reliable connection to unterminated Cat 5 cable. **Specifications:** •Bandwidth: 50Hz~8MHz •Distance: 1000' max, using 24AWG UTP •Dimensions (excluding connector): 0.813" (H) x 0.813" (W) x 1.875" (L) •Sold individually, must be used in pairs

Order #	MSRP	Reg.	VIP
50-7748	\$25.95	\$11.29	\$7.99



MCM CUSTOM AUDIO

Keystone Mount DC Power Connection

This keystone insert features a standard barrel jack which accepts connection from most AC adapters. It is essential when low voltage must be inserted into a Cat 5 pair for remote distribution. It is ideal for remote powering of small LCD monitors, video cameras, IR repeater systems and similar items. Rear mounted IDC connector allows simple, fast connection to unterminated 22-24AWG solid or stranded wire. **Maximum voltage:** 24VAC/DC, 1A. **Barrel size:** 2.1mm I.D., 5.5mm O.D. •Sold individually

Order #	MSRP	Reg.	VIP
50-7752	\$11.95	\$7.19	\$4.99

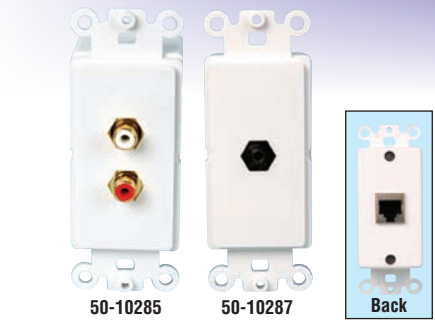


MCM CUSTOM AUDIO

Keystone Mount BNC Composite Video Balun

•Send composite video over Cat5e up to 1000' •Sold individually, must be used in pairs

Order #	MSRP	Reg.	VIP
50-7716	\$34.95	\$10.19	\$7.99



MCM CUSTOM AUDIO

L/R Audio Balun Wall Plates

Use to send two channels of line level audio signal over Cat 5 cable. This balun mounts in a standard single gang opening and is compatible with standard decora style wall plates. Sold individually, all baluns must be used in pairs, and may be used in conjunction with each other, or MCM balun models #50-7724, 50-7725 and 50-7742. •Distance: 1000' max, using 24AWG UTP

Order #	Type	Reg.	VIP
50-10285	Red/white RCA	\$19.39	\$15.99
50-10287	3.5mm stereo	19.39	15.99



MCM CUSTOM AUDIO

Keystone Mount Digital Audio Balun

Intended to send digital audio (SPDIF) signal over Cat 5 cable, this balun features an RCA female connector with orange insert, for easy identification as the digital audio path. Rear mounted IDC connector allows simple, fast connection to unterminated Cat 5 cable. **Maximum distance:** 1000'. **Sold individually.**

Order #	MSRP	Reg.	VIP
50-7755	\$34.95	\$16.39	\$10.99

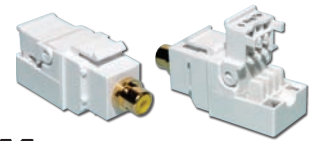


MCM CUSTOM AUDIO

Keystone Audio Baluns

•Send line level audio over Cat5e up to 1000' •Sold individually, must be used in pairs

Order #	Color	MSRP	Reg.	VIP
50-7760	Red	\$36.95	\$12.29	\$9.99
50-7761	White	36.95	12.29	9.99

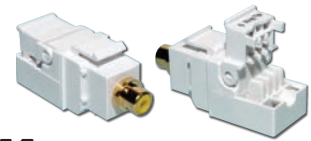


MCM CUSTOM AUDIO

Keystone Mount RCA Composite Video Balun

•Send composite video over Cat5e up to 1000' •Sold individually, must be used in pairs

Order #	MSRP	Reg.	VIP
50-7715	\$34.95	\$11.29	\$9.99



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SATV/CATV

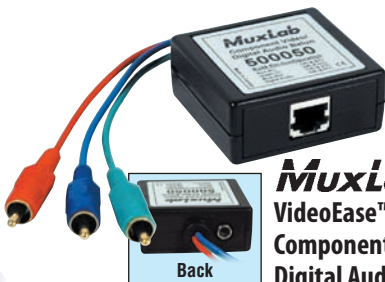
MuxLab is the leader in A/V over Cat 5 signal distribution.



MuxLab VideoEase™ VGA Balun II Over UTP

VideoEase™ VGA Balun II is a passive device that fully supports VGA and SVGA (RGBHV) transmission via one Cat 5 UTP cable without the need for shielded twisted pair (STP) cable. This breakthrough technology allows VGA equipment to be deployed more easily in both new and pre-wire structured cabling environments. **Used in pairs, sold individually.**

Order #	Description	Mfr. #	Reg.	VIP
33-9601	PC side (HD15-male)	500040	\$79.99	\$64.99
33-9602	Monitor side (HD15-female)	500041	79.99	64.99
33-9603	Monitor side (HD15-male)	500042	79.99	64.99



MuxLab VideoEase™ HDTV Component Video/Digital Audio Balun

The component video/audio balun allows one component video (YPbPr or RGB) signal and one audio signal to be transmitted via cost-effective unshielded twisted pair (UTP) cable in a point-to-point configuration. Used in pairs, the component digital balun supports 480i/p, 720p and 1080i/p video formats for hi-definition (HDTV) video applications. **Features:** •Supports 480i/p up to 1000' (305m) and 720p/1080i/p up to 500' (152m) via Cat 5 UTP, respectively •Available with color-coded RCA cable connectors •Supports either digital audio (5000050, or 500051), or analog audio (500052, or 500053) on fourth twisted pair •Modular shielded RJ-45 connector •Used in pairs, sold separately

Order #	Mfr. #	Connectors	Audio	Reg.	VIP
33-10060	500050	Male RCA	Digital	\$79.99	\$69.99
33-10061	500051	Female RCA	Digital	79.99	69.99
33-10062	500052	Male RCA	Analog	79.99	69.99
33-10063	500053	Female RCA	Analog	79.99	69.99



MuxLab Dual Audio/Video Balun

The VideoEase™ Dual Audio/Video Balun allows up to two composite video signals and up to two unbalanced audio signals to be transmitted via unshielded twisted pair (UTP) cable in a point-to-point connection. The Dual Audio/Video Balun eliminates up to four coaxial cables, allowing audio/video equipment to be connected via space-efficient and cost-effective Cat 5 twisted pair cable. The Dual Audio/Video Balun also works in conjunction with MuxLab's Audio/Video Distribution Hub (500200) allowing audio/video programming to be distributed via UTP to up to eight locations. Mfr. #500012. **Features:** Up to 2200' (670m) in color via Cat 5 UTP. Pair required for use, **sold individually.**

Order #	Reg.	VIP
33-9610	\$65.99	\$54.99



MuxLab HDMI Extender Kit

The VideoEase™ Econo Plus extender kit allows HDMI equipment to be connected up to 150' via two Cat5e unshielded twisted pair cables at 1080p resolution, and supports 1080p deep color up to 90' via dual Cat6 cable. **Transmission lengths:** •1080p: 150' via dual Cat5e, 200' via dual Cat6 •1080i/720p: 200' via dual Cat5e, 250' via dual Cat6 •Mfr. #500401

Order #	Reg.	VIP
33-10576	\$265.99	\$229.00



MuxLab VideoEase™ Composite Video/Stereo Balun

The VideoEase™ stereo/video balun allows a single composite video signal and stereo audio signal to be transmitted via UTP cable up to 2,200' in a point-to-point connection. **Features:** •Full audio bandwidth response for high fidelity applications •20Hz-20KHz audio bandwidth •Built-in color-coded cable leads for ease of installation •Mfr. #500039 •Used in pairs, sold individually

Order #	Reg.	VIP
33-9626	\$55.99	\$44.99



MuxLab VideoEase™ CCTV Mini Balun

The VideoEase™ CCTV Mini Balun allows a single CCTV video signal to be transmitted via cost-effective unshielded twisted pair (UTP) cable. Used in pairs, the CCTV balun eliminates costly and bulky coaxial cable, allowing CCTV security and surveillance equipment to be connected using standard structured cabling techniques for neater and more streamlined cabling. The flexible mini coax cable lead allows the product to fit neatly inside CCTV camera back boxes and dome camera enclosures. The CCTV balun also works in conjunction with other MuxLab CCTV baluns such as the 500000, 500009 and 500015 for a complete cabling solution. **Features and benefits:** •Fits inside CCTV dome cameras and back boxes •Compatible with other MuxLab CCTV baluns •Up to 2200' (670m) via Cat 5 UTP •Cable strain relief •Mfr. #500023

Order #	Reg.	VIP
33-9760	\$29.59	\$24.99



MuxLab VideoEase™ CCTV Pass-Thru Balun

The VideoEase™ CCTV Pass-Thru Balun allows video, two-wire PTZ control, and remote power to be transmitted via one 4-pair Cat 5 cable, thus eliminating the need to install multiple cables for more efficient cabling in the CCTV security and surveillance environment. The pass-thru balun may be used in pairs, or in conjunction with standard twisted pair cross-connect devices and other MuxLab CCTV baluns such as the 500000, 500009, 500023 and 500015. **Features:** •Combines video, PTZ control and remote power under one 4-pair Cat 5 cable for more efficient cabling •Video up to 2,200' (670m) via Cat 5 UTP •Remote power up to 350' (106m) @ 24VAC/5VA via two twisted pairs •Mfr. #500022

Order #	Reg.	VIP
33-10065	\$31.99	\$27.99



MuxLab VideoEase™ CATV Balun II

•Transmit 75ohm coaxial signals up to 330' over Cat 5 •High bandwidth up to 900MHz •Mfr. #500302

Order #	Reg.	VIP
33-9630	\$47.99	\$39.99



MuxLab VideoEase™ Audio Balun

The VideoEase™ Audio Balun allows any unbalanced analog audio signal to be transmitted via a single unshielded twisted pair (UTP) cable for more versatile cabling. Used in pairs, the audio balun eliminates costly and bulky coax cable, allowing consumer and commercial audio equipment to be connected using standard premises wiring techniques. One or two pair of baluns are required depending on whether the application is for monaural or stereo audio. The audio balun features screw terminals and built-in cable strain relief for ease of installation and reliable connectivity. Applications include auditoriums, arenas, schools, home theater systems, airports, hotels, hospitals, conference rooms. **Features and benefits:** •Eliminates coax cable •Up to 5,000' (1.5km) via Cat 5 UTP •20-20KHz bandwidth •Gold-plated RCA connector •Cable strain relief •Compact design •Lifetime warranty •Design patent pending •Mfr. #500019

Order #	Reg.	VIP
33-9745	\$27.99	\$22.99



MuxLab VideoEase™ Component Video Balun

The VideoEase™ Component Video Balun allows a single component video signal (Y, Pb, or Pr) to be transmitted via cost-effective unshielded twisted pair (UTP) cable. Three balun pairs are required for one complete component (YPbPr) video connection. The product allows three coaxial cables to be replaced by one Cat 5 twisted pair cable, allowing standard structured cabling techniques to be used for neater and more streamlined cabling. The component video balun is compact enough to allow three units to be connected side by side on the back of the component video equipment. **Features and benefits:** •Supports one component of the YPbPr video signal •Three balun pairs required per YPbPr connection •Up to 1,000' (305m) via Cat 5 UTP •Gold-plated connector •Cable strain relief •Compact design •Lifetime warranty •Design patent pending •Mfr. #500021

Order #	Reg.	VIP
33-9755	\$27.99	\$22.99



MuxLab Decora Mount Balun Fixture

The wall mount balun fixture allows any MuxLab square balun to be installed behind a decora compatible wall plate for custom AV installation. Each balun snaps into place and is held firmly by a spring latching mechanism. The one-piece design makes the product easy to install and maintain. There are no parts to lose or replace. Mfr. #500910.

Order #	Reg.	VIP
33-10585	\$34.99	\$29.99



#82-13170

Alpha Series

Networkable H.264 DVR and Camera Kits

Protect your home or business with this all-inclusive DVR and security set from Swann. Record up to 15 days of footage on the pre-installed 500Gb hard drive at 120fps, or login through the internet to watch a live video feed of your property. **Kits include:** •Alpha DVR •Remote control •Alpha C5 cameras •50' BNC cables for each camera •BNC to RCA video cable •Software CD •Power adapters •Mouse •Mounting screws and plugs •Operating instructions •Theft deterrent stickers

Order #	Mfr. #	Reg.	VIP
Four channel DVR only			
82-13120	SWA42-D2	\$458.00	\$439.00
Eight channel DVR only			
82-13125	SWA42-D3	560.00	549.00
Four channel DVR and 4 camera kit			
82-13160	SWA43-D2C5	699.00	599.00
Eight channel DVR and 4 camera kit			
82-13165	SWA43-D3C5	917.00	889.00
Eight channel DVR and 8 camera kit			
82-13170	SWA43-D3C6	1121.00	999.00



MCM H.264 Multiplex Networkable DVR

This advanced networkable DVR offers all the features of much higher-priced DVRs, and is ideal for either commercial or residential surveillance installations.

Features: •Pentaplex operation with live display, record, playback, back-up, and network operations •Mobile surveillance including iPhone and Blackberry •Event notification by email and FTP •IR remote control (IR receiver built-in) •Quick search (time, motion, and alarm search mode) •USB back-up •VGA •Ethernet: 10/100 Base-T supports remote control and live view via Ethernet

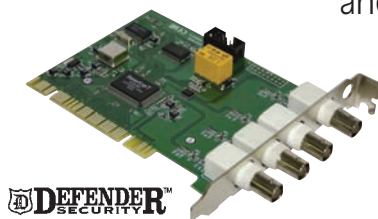
Order #	Description	VIP
82-13490	Four channel	\$269.00
82-13491	Eight channel	529.00
82-13492	Sixteen channel	599.00



Flashlight DVR

Innovative, compact, all-in-one flashlight and DVR is ideal for law enforcement, nightclubs, and small business. The weatherproof SW244-TDV flashlight DVR features built-in MPEG4 compression and 128Mb memory for recording both video and still images. The SD slot accepts standard mini SD media up to 2Gb, and the USB connection facilitates back-up. **Features:** •Max 1.5 hour recording time with 1Gb SD card (not included); 18 minutes with on-board 128Mb •Rechargeable Ni-MH batteries (three "C"; batteries not included) •Color CMOS camera sensor with 17 IR LEDs (max 13' night vision) •Built-in microphone for audio recording •See MCMelectronics.com for more details •Mfr. #SW244-TDV

Order #	MSRP	VIP
82-12360	\$199.00	\$69.99



Four Channel H.264 DVR Card

Turn your PC into a sophisticated digital video security monitoring system. This plug and play DVR card and software allows you to observe and record four cameras simultaneously, or add more cards to upgrade to 16 cameras. Other benefits include H.264 software compression, remote access via the web or network, motion detection with instant email notification, audio monitoring and fast display and recording times.

Features: •Monitor up to four cameras simultaneously •Motion detection with instant email notification •Plug and play software with easy to follow user manual •Upgradeable to four cards in a PC for 16 cameras

Order #	MSRP	Reg.	VIP
82-13110	\$119.95	\$81.59	\$59.00



Alpha Series 19" LCD with Integrated Four Channel Networkable H.264 DVR Kit

This all-in-one flat panel monitor and integrated DVR not only provides excellent picture quality and convenience, but saves space and simplifies any installation. **DVR features:** •Integrated 500Gb hard drive •Split screen viewing •Mouse support •Easily connects to your PC for additional viewing capabilities •H.264 recording technology provides crystal-clear image quality •USB connection makes it easy to back-up video to a flash drive/memory stick •Networkable DVR allows remote viewing and video playback **Camera features:** •Suitable for indoor or outdoor use •Night vision with 27 LEDs (up to 50' viewing distance) •1/4" Sony CCD •420TVL resolution **Kit includes:** •DVR, four indoor/outdoor cameras, four 50' BNC cables, remote control, mounting accessories and power adapters.

Order #	Mfr. #	Description	Reg.	VIP
82-13131	SWA43-D5C4	Kit	\$1223.00	\$1139.00
82-13130	SWA49-D5	DVR only	917.00	889.00



4-Channel H.264 Mobile DVR

Speco Technologies mobile four channel, H.264, pentaplex DVR is designed for installation in buses, emergency vehicles, police cars, trains and more.

It allows for capturing and delivering real-time video through a compact surveillance system in moving vehicles. **Features:** •Max. 120fps (HD1)/60fps (D1)/recording in NTSC •Pentaplex operation •1-channel synchronized audio •4-level image quality setting •Supported copy media: USB memory stick or external USB back-up drive •Sensor inputs for pre-alarm and post-alarm recording •Includes: remote control, front key, and network viewer

Order #	Description	VIP
82-13380	Supports up to two 16Gb SD cards	\$589.00
82-13385	With GPS; Supports up to two 16Gb SD cards	719.00
82-13386	Supports up to six 16Gb SD cards	829.00

MCM has the security recording devices and kits that make your job easier.

Security Section 12



Alpha Series

Four Channel Triplex DVR and Camera Kit

✓350Gb hard drive
✓MJPEG compression

Easy-to-use and extremely affordable, the Alpha series Swann D1 DVR provides all the basic functions you need when setting up a CCTV system, and can even be purchased as a full kit that includes cameras, cables, and power supplies. **DVR features:** •Pre-installed 350Gb hard drive (supports up to 1Tb) •Triplex operation (record, playback, and monitor simultaneously) •Supports USB back-up •Front panel controls removable for use as remote control •640 x 224 recording resolution @ 60fps •Four BNC inputs •One BNC output •One RCA audio input **Outdoor camera features:** •400TVL resolution •1/3" CMOS image sensor •6mm lens •Color during day, B&W at night •30 infrared LEDs provide up to 30' night vision •Includes four 50' BNC cables and power supplies

Order #	Description	Reg.	VIP
82-13115	DVR only	\$299.00	\$289.00
82-13156	DVR and two camera kit	407.00	389.00
82-13155	DVR and four camera kit	509.00	489.00



Four Channel H.264 DVR Recording System with Digital Wireless Cameras

This all-in-one wireless surveillance system is the ideal solution for your home or business. **Features:** •7" LCD display •Includes two 2.4GHz FHSS digital wireless cameras •Color CMOS with IR LEDs for night-vision •300' wireless transmission range •Four BNC video inputs •Four 12VDC power inputs on back panel to work with wired analog or wireless cameras •VGA display •USB back-up •Remote control included •Power supply: 12VDC

Order #	Description	MSRP	Reg.	VIP
82-12975	DVR with two wireless cameras	\$699.00	\$509.00	\$489.00
82-12976	Additional two wireless camera kit	399.00	285.00	269.00

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Section 12 Security

Protect your valuable property with Defender Security™.



speco technologies TL Series Four, Eight, and Sixteen Channel Pentaplex DVRs

- ✓ Analog camera support
- ✓ H.264 compression

With EZ record, EZ copy, and EZ set-up, the Speco TL series DVR is among the easiest to use in the world. Pentaplex operation enables

simultaneous live view or playback while continuing to record, network transfer and back-up. **Specifications:** 240fps • Web-based remote monitoring and camera control • Remote control and rack ears included • Single audio channel for each camera input • USB 2.0 port • Free DDNS server for use with dynamic IP addresses • See MCMelectronics.com for more information

Order #	Hard Drive	VIP
4 Channel		
82-12985	250Gb	\$439.00
82-12986	500Gb	479.00
82-12987	1.5Tb	659.00

Order #	Hard Drive	VIP
8 Channel		
82-12988	250Gb	\$659.00
82-12989	500Gb	729.00
82-12990	750Gb	749.00
82-12991	1Tb	1376.00

Order #	Hard Drive	VIP
16 Channel		
82-12992	250Gb	\$799.00
82-12993	500Gb	839.00
82-12994	750Gb	879.00
82-12995	1Tb	1099.00



speco technologies TH Series Four, Eight, and Sixteen Channel Pentaplex DVRs

- ✓ Analog and IP camera support
- ✓ H.264, MPEG4, and MJPEG compression support
- ✓ DVD-RW for back-up purposes
- ✓ Point of sale/ATM support

With EZ record, EZ copy, and EZ set-up, the Speco TH series DVR is among the easiest to use in the world. Pentaplex operation enables simultaneous live view or playback while continuing to record, and perform network transfer and back-ups. **Specifications:** • DVD-RW for backup purposes • Web based remote monitoring • Use up to 3 SATA hard drives • 240fps

• Web-based remote monitoring and camera control • Remote control and rack ears included • Windows Mobile6 and Blackberry viewing software • Free DDNS server for use with dynamic IP addresses. See MCMelectronics.com for more information.

Order #	Hard Drive	Reg.	VIP
4 Channel			
82-13000	250Gb	\$1208.00	\$1139.00
82-13001	500Gb	1388.00	1309.00
82-13002	1Tb	1528.00	1449.00
82-13003	2Tb	1915.00	1809.00
82-13004	3Tb	2307.00	2179.00

Order #	Hard Drive	Reg.	VIP
8 Channel			
82-13005	250Gb	\$1430.00	\$1349.00
82-13006	500Gb	1516.00	1429.00
82-13007	1Tb	1698.00	1599.00
82-13008	2Tb	2086.00	1969.00
82-13009	3Tb	2478.00	2339.00

Order #	Hard Drive	Reg.	VIP
16 Channel			
82-13010	500Gb	\$1721.00	\$1629.00
82-13011	1Tb	1916.00	1809.00
82-13012	2Tb	2304.00	2179.00
82-13013	3Tb	2693.00	2539.00



DEFENDER™ Four and Eight Channel H.264 DVR with 7" Motorized LCD Screen

- ✓ Remote access via network
- ✓ VGA output

Featuring the latest H.264 compression and an integrated motorized 7" LCD flip-up monitor, this pentaplex DVR is ideal for either small business or residential surveillance installations. **Features:** • Search by date, time, channel, or event • USB mouse support (mouse included) • 352 x 288 (CIF) recording resolution • 120fps (total) • PTZ controls • 4x BNC audio input • Alarm output • Password protection • Alarm output • Remote control • USB back-up support • Remote access via network • Supports up to 1Tb SATA hard drive (not included) • Power: 12V, 4A (AC adapter included) • Video outputs: 1V p-p, 75ohm (BNC) • VGA (1366 x 768 max)

Order #	Description	MSRP	Reg.	VIP
82-13100	Four channel	\$499.99	\$326.00	\$309.00
82-13105	Eight channel	609.99	438.00	399.00



DEFENDER™ Four Channel Duplex DVR/LCD Monitor Combo

Featuring motion detection and MJPEG compression, this compact, space-saving four-camera duplex DVR is integrated into a 10.2" LCD. Ideal for the home, or small office/business, the unit has a single drive bay for SATA hard drives up to 1.0Tb (HDD not included) and frame rates up to 30fps per camera (60fps total) and continuous, time scheduled, or motion recording for each camera. PC software (included) facilitates USB video back-up. **Features:** • MJPEG compression • Four BNC camera inputs • One BNC video output • Two RCA audio inputs • One RCA audio output • Mouse control and remote control • Alarm sensor and PTZ input terminal • Easy-to-use OSD menu front panel controls, or by either IR remote control or mouse control (both included) • Power: 12VDC; 2.5A power adapter (included)

Order #	MSRP	Reg.	VIP
82-12895	\$399.00	\$305.00	\$269.00



DEFENDER™ All-in-One 4-Channel Networkable DVR Kit

Four camera security kit ideal for protecting your home or business. Includes the latest H.264 compression codec DVR, four cameras (bullet or dome), 50ft BNC cables per camera, power adapter for each camera, mouse and remote. **DVR features:** • Network connectivity for LAN and remote access • Dual USB ports allow for USB thumb drive backup and mouse • Supports up to 2Tb HDD (not included) • Two BNC video outputs • VGA output • Alarm and PTZ inputs • Audio in/out (RCA) • Front panel controls • Continuous, schedule or motion recording • Includes: External power supply, remote control and mouse **Camera features:** • 1/4" Sharp CCD • 420 TVL resolution • 1.0 Lux min (0 Lux with IR LEDs) • 3.6mm board lens • White balance • Gain control • Video output: 1V p-p, 75ohm (BNC) • Power supply: 12VDC

Order #	Description	VIP
82-13425	DVR with 4 IR dome cameras	\$299.00
82-13430	DVR with 4 bullet cameras	299.00



DEFENDER™ Four and Eight Channel H.264 Network DVRs

NEW!

Featuring the latest H.264 compression codec these DVRs are ideal for business or residential use. **Features:** • Network connectivity for LAN and remote access • Dual USB ports allow for USB thumb drive backup and mouse • Supports up to 2Tb HDD (not included) • Two BNC video outputs • VGA output • Alarm and PTZ inputs • Audio in/out (RCA) • Front panel controls • Continuous, schedule or motion recording • Includes: External power supply, remote control and mouse

Order #	Channels	VIP
82-13390	4	\$159.00
82-13395	8	219.00



DEFENDER™ Four Channel H.264 Triplex Networkable DVR

• Triplex functionality • Remote access via browser • Single SATA drive bay (up to 1Tb; not included) • VGA output • PTZ controls

Order #	MSRP	Reg.	VIP
82-13080	\$399.00	\$305.00	\$269.00

See the savings with MCM's CCTV monitors, quads and video switches.



HIKVISION Four Channel H.264 DVR with Integrated 5" LCD

The Series 2 combines the latest in advanced H.264 technologies delivering rock solid reliability and high performance. Supports up to four analog channels along with easy USB back-up. Comes with a built-in LCD screen. Perfect for any home or small business.

Features: •H.264 video compression •Up to 352 x 240 resolution •Supports one SATA HDD up to 500Gb •Internet ready for remote viewing and cell phone access •Pentaplex operation •See MCMelectronics.com for more information

Order #	Preinstalled HDD	Reg.	VIP
HK-RA204L-250	250Gb	\$520.00	\$489.00
HK-RA204L-500	500Gb	571.00	539.00



NEW!

HIKVISION Series 2 Four Channel Networkable H.264 DVR

The Series 2 combines the latest in advanced H.264 technologies delivering rock solid reliability and high performance. Supports up to four channels of analog video and features a USB backup. Ideal for home or small business applications.

Features: •Best-in-class CMS (Client Management Software) •H.264 video compression •Advanced motion detection and analytics •Internet ready for remote viewing and cell phone access •Pentaplex operation enables simultaneous recording, live view, playback, back-up, and network operations

Order #	VIP
DS-7204HVI-S	\$199.00

DEFENDER™ 960HR Security Time Lapse VCR

Record up to 960 hours of time lapse video or 30 hours of real time video with one T-120 standard VHS tape. **Features:** •Jog dial for frame-by-frame playback •Shuttle ring for variable speed fast-forward and rewind •4-head azimuth helical scanning •Up to 30 hours linear audio recording •Built-in time/date generator •Alarm in/out, alarm reset, series in/out, trigger out, and low tape out •Alarm recording function •Timer recording function •BNC input and output •RCA audio input and output •Infrared remote control

Order #	MSRP	Reg.	VIP
82-10761	\$279.00	\$214.00	\$199.00



DEFENDER™

Composite to VGA Video Converter

Use your computer's CRT or LCD monitor for your security camera display! Better yet, you can use this converter as a switch for displaying video input from up to three devices (security cameras, PCs, DVDs).

Order #	MSRP	Reg.	VIP
82-10770	\$99.00	\$52.09	\$49.99

HIKVISION

Series 5 IP and Analog Hybrid H.264 DVRs

The Series 5 is the next generation of hybrid video recording technology from Hikvision. The Series 5 supports both analog and IP based cameras. They can be used as a stand-alone DVR, hybrid DVR, or NVR. **Features:** •Up to 720p resolution •Up to sixteen channel analog + eight channel IP video input •Each channel supports dual stream •Supports DDNS •E-mail alert configuration •Internet ready for remote viewing and cell phone access •Pentaplex operations enables simultaneous recording, live view, playback, back-up, and network operations •PTZ controls with preset, patrol and pattern settings •Full feature remote access with client software and web browser •Rack mountable ears included •See MCMelectronics.com for more information

Order #	Pre-installed HDD	Reg.	VIP
Eight channel DVRs			
HK-RH508-500	500Gb	\$2243.00	\$1899.00
HK-RH508-1T	1Tb	2417.00	2199.00
HK-RH508-2T	2Tb	2641.00	2299.00
HK-RH508-3T	3Tb	2855.00	2499.00
HK-RH508-4T	4Tb	3059.00	2699.00



Order #	Pre-installed HDD	Reg.	VIP
Sixteen channel DVRs			
HK-RH516-500	500Gb	\$3529.00	\$2999.00
HK-RH516-1T	1Tb	3702.00	3189.00
HK-RH516-2T	2Tb	3926.00	3379.00
HK-RH516-3T	3Tb	4079.00	3559.00
HK-RH516-4T	4Tb	4375.00	3699.00



Series 4



Series 5

HIKVISION Series 4 and 5 Analog H.264 DVRs

The Series 4 and 5 supports up to sixteen channels, and can be used as a standalone DVR or as an NVR. **Features:** •Up to 4CIF resolution •Up to 16 channel analog video input •Each channel supports dual stream •Supports DDNS •Up to 8 SATA HDD at 2Tb each •E-mail alert configuration •Internet ready for remote viewing and cell phone access •Pentaplex operation enables simultaneous recording, live view, playback, back-up, and network operations •PTZ controls with preset, patrol and pattern settings •Full feature remote access with client software and web browser •Rack mountable ears included •See MCMelectronics.com for more information

Order #	Preinstalled HDD	Reg.	VIP
Series 4 with 704 x 240 Max Resolution			
Four channel DVRs			
HK-RA404A-250	250Gb	\$917.00	\$879.00
HK-RA404A-500	500Gb	968.00	899.00
Eight channel DVRs			
HK-RA408A-500	500Gb	1315.00	1199.00
HK-RA408A-1T	1Tb	1438.00	1299.00
Sixteen channel DVRs			
HK-RA416A-1T	1Tb	1611.00	1499.00
HK-RA416A-2T	2Tb	1835.00	1599.00

Order #	Preinstalled HDD	Reg.	VIP
Series 5 with 704 x 480 Max Resolution			
Four channel DVRs			
HK-RA504-250	250Gb	\$1142.00	\$999.00
HK-RA504-500	500Gb	1193.00	1099.00
Eight channel DVRs			
HK-RA508-500	500Gb	1366.00	1199.00
HK-RA508-1T	1Tb	1489.00	1299.00
Sixteen channel DVRs			
HK-RA516-2T	2Tb	2233.00	1959.00
HK-RA516-1T	1Tb	2009.00	1799.00



DEFENDER™

Color Quad Processor

High resolution color quad processor allows viewing of up to four cameras simultaneously. Two viewing modes, quad and sequential with three second dwell time. Adjustable gain control for each camera input. **Specifications:** Power: 12VDC, 500mA. Video: 1V p-p, 75ohm.

Order #	MSRP	Reg.	VIP
82-7860	\$259.00	\$181.00	\$139.00



DEFENDER™

Black and White High Resolution Quad Processor

High resolution black and white quad processor that provides excellent picture quality. Two viewing modes, quad and sequential switching with three second dwell time. Four camera inputs with adjustable gain. Two outputs for monitor and VCR. **Specifications:** Power: 12VDC, 500mA via included adapter. Video: 1V p-p, 75ohm.

Order #	MSRP	Reg.	VIP
82-7850	\$169.00	\$96.89	\$69.00

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LCD surveillance displays produce bright images and save space.



DEFENDER SECURITY 19" Pro LCD Security Monitor

Featuring 3-D comb filtering, de-interlacing and a 5ms response rate this professional LCD monitor displays surveillance images better and brighter than a standard LCD panel. **Features:** •Glass plate surface to protect LCD from scratches •Up to 1280 x 1024 resolution •OSD function control from console or remote (included) •Retractable table-top stand with anti-skid rubber trim •Picture-frame stand folds flush to allow wall-mount with VESA 75 mount, or with already machined keyhole slots •1000:1 contrast ratio **Power:** 12VDC, 5.0A (power supply included) •Includes 6' VGA M/M cable, and 5' dual RCA M/M audio cable

Order #	MSRP	VIP
82-12468	\$759.00	\$539.00



DEFENDER SECURITY Color LCD Security Monitors

Get the space savings you need and the bright, sharp, brilliant images you expect from these active TFT LCD monitors specifically designed for security applications. **Features:** •2D comb-filtering and 2D de-interlacing •Multiple video and audio input and output connections: 1xBNC input, 1xBNC loop-through output, 1xY/C (4-pin DIN S-video) input, 1xVGA (HD15F) input, 2xRCA audio input, 2xRCA audio output, 1x3.5mm audio input •Front panel controls facilitate full-featured on-screen menu navigation •Built-in audio speakers •Standard VESA 100 mounting.

Fig.	Order #	Size	Reg.	VIP
A	82-12880	15"	\$279.00	\$239.00
A	82-12881	17"	319.00	269.00
A	82-12882	19"	343.00	299.00
B	82-12883	22"	428.00	379.00



speco technologies Distribution Amp

Video distribution amp operates with both color and black and white systems. This unit distributes a single composite video signal to up to four monitors. Video input/output via BNC type connector. Mfr. #VID-D.

Order #	Reg.	VIP
82-10675	\$75.49	\$59.99

#82-12335



Rack Mount TFT Active Matrix LCD Monitors

Choose from three different versions of standard 19" rack mount color TFT LCD monitors for both security surveillance and professional broadcasting. Each front panel display has controls for on/off, contrast, brightness, mirror and inverted image. Both #82-12336 and 82-12337 feature two BNC video inputs for each screen (#82-12335 has single BNC video input for each screen). **Specifications:** •BNC composite video loop-through output per display •NTSC/PAL auto-sensing •Reversible/invertible image •±30° up/down tilt

Order #	Rack Unit	LCD Monitor Dimensions	Rack Dimensions	Video Inputs	Resolution	MSRP	Reg.	VIP
82-12335	2U	4 x 4"	19" x 3.5" x 2.5"	One	480 x 234	\$1299.00	~~\$704.00~~	\$599.00
82-12336	3U	3 x 5.6"	19" x 5.25" x 2.5"	Two	960 x 234	1299.00	~~713.00~~	599.00
82-12337	3U	2 x 7.0"	19" x 5.25" x 2.5"	Two	1440 x 234	999.00	~~612.00~~	499.00



8.4" Color LCD Security Monitor

- ✓RCA video input
- ✓Integrated speakers

Ideal for security applications where compact size is desirable. **Features:**

- Touch panel control or remote control operation (remote control included) •Built-in speaker •3.5mm audio output jack •In-car power adapter
- Specifications:**
- Video input: RCA composite •Integrated rear speaker audio output: (150mW max) •Power source: 12VDC (adapter included) •Power consumption: ~16W

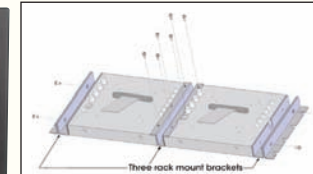
Order #	Reg.	VIP
82-12111	\$458.00	\$169.00



1 x 2 Distribution Amplifier

Provides two video outputs from one input to split video sources. Dual power operates on 12VDC or 24VAC. Includes 12VDC power supply.

Order #	MSRP	Reg.	VIP
82-9355	\$49.95	\$25.49	\$22.99



8" Rack Mountable Color LCD Monitors

Rack mount two monitors side-by-side, or set-up as single desktop or wall-mount monitor by using the integrated picture frame stand, or using a VESA 75/100 mount. Active matrix TFT LCD monitor features durable metal housing, front panel controls for power, source, and menu, and the OSD menu has controls for language, contrast, brightness, color, tint, and sharpness. Inputs include two BNC video inputs with loop-thru BNC outputs, one S-video input, two audio inputs (RCA R/L), and one audio loop-out (RCA R/L). **Specifications:** •NTSC/PAL auto-sensing •Resolution: 800 x 600; Contrast: 500:1; Brightness: 200cd/m2 •2W speakers •4U rack space •±20° up/down tilt (with RM brackets) **Power:** DC12V, 1.5A switching adapter included.

Order #	Description	MSRP	Reg.	VIP
82-12455	8.0" LCD monitor 4	\$599.00	~~\$387.00~~	\$329.00
82-12456	Rack mount bracket kit	129.00	~~102.00~~	69.00

MCM offers a wide selection of your favorite brand name CRT monitors.



21" High Resolution Color Monitor

High-resolution (500TVL), true-flat-screen color monitor specifically designed for security surveillance. **Features:** •OSD control for easy menu changes including contrast, brightness, sharpness, color and tint •Dual BNC video inputs with dual loop-thru BNC video outputs (1V p-p, 75ohm) •S-video input •Dual RCA audio inputs with dual loop-thru outputs •2W max audio output speaker •Dimensions: 480 x 420 x 480mm.

Order #	MSRP	Reg.	VIP
82-12820	\$459.00	\$346.00	\$329.00



PrivateEye™ Clock

•Every movement triggers a photo •Takes pictures from the hidden lens up to 15' (5m) with adjustable pinhole camera •View images on your notebook via the camera's USB connection •Transfer images by SD memory card to your cell phone or card reader •Works off AC power or battery (not included) •Automatically recharges batteries when plugged in •Time and date stamped on every image •Stops capturing images 3~5 seconds after motion ends •17,000+ images (60Kb) per 1Gb •Fully functional digital clock •Mfr. #SW211-CDP

Order #	Reg.	VIP
82-12525	\$102.00	\$89.99



High Gain 2.4GHz Signal-Boosting Antenna

Designed specifically for wireless cameras and Wi-Fi receivers, the Swann Network Booster antenna boasts a 9dB gain allowing you to nearly double your wireless transmission range. •Mfr. #SW-P-HGA

Order #	Reg.	VIP
82-12095	\$54.09	\$39.99



2.4GHz High Gain Antennas

High gain antennas for increasing the effective range of the 2.4GHz transmitters. The #82-6345 attaches directly to the camera or receiver and is omnidirectional. The remaining antennas are directional, waterproof and mount remotely.

Order #	Description	Connector	Reg.	VIP
82-6345	3dB gain	SMA male	\$10.70	\$8.99
82-6350	8.5dB gain	SMA male	86.69	79.00
82-8090	10dB gain	SMA female	77.59	69.00



High Resolution Color Monitors

High resolution color monitors with greater than 350 lines of horizontal resolution. Video input/output: 1V p-p, 75ohm. Switchable output allows for 75ohm termination or loop through to additional equipment. **Specifications:** Resolution: Greater than 350 lines. Input: 1.0V p-p, 75ohm. Connectors: BNC. Power: 120VAC, 90W.

Order #	Size	MSRP	Reg.	VIP
82-3520	9"	\$299.00	\$257.00	\$219.00
82-3525	14"	399.00	267.00	239.00



speco technologies

High Resolution Black and White Monitors

These monitors feature a flip open control cover, LED on/off indicator, video output and solid state circuitry all in a rugged black metal cabinet. Input via 75ohm BNC connector. Resolution at center is 1000 TV lines and 800 TV lines at corner. Switchable input impedance terminates at 75ohm or allows for loop through to additional monitors at high impedance. UL and CSA listed.

Order #	Size	Reg.	VIP
82-565	9"	\$193.00	\$169.00
82-570	12"	280.00	249.00



2.4GHz Video Transmitter

2.4GHz wireless video transmitter operates on 2.413, 2.432, 2.451 and 2.470GHz frequency bands. Transmits video and audio to an average distance of 150'. Easily select one of the four operating frequencies by simply changing the jumper. Transmitter designed to supply power to a 12VDC camera via an included jumper cable. **Specifications:** Transmitter power: 10mW. Power supply: 12VDC, 500mA via supplied adapter. Inputs: Video: RCA type connector, Audio: RCA type connector, Alarm: Push-terminal

Order #	MSRP	Reg.	VIP
82-6330	\$129.00	\$86.69	\$69.00

Portable 12VDC Power Supply

Perfect solution for temporary 12VDC camera power during CCTV camera field focusing and site survey. Four-hour continuous operation using eight "AA" batteries (batteries not included; use #29-4275) and standard 130mA; 12VDC camera. 3' DC pigtail lead with snap connector mates with matching polarity battery holder snap terminals.

Order #	Reg.	VIP
82-12365	\$5.09	\$3.99



CCTV TesterPro

An indispensable tool for any installer, the TesterPro from Defender allows connection to any analog camera for alignment purposes, set-up of PTZ settings, testing of Cat 5 cables and troubleshooting signal problems, all in one, easy-to-use product. **Features:** •3.5" LCD with 960 x 240 resolution •Video signal level meter •PTZ camera controls •Unique 12VDC 1A power output to power camera with 3' pigtail •RS-485/RS-422 input and data logging •Network cable tester •RS-232 input •3.5mm audio input •Built-in speaker •Color bar signal generator •Up to 12 hour battery life •4 hour recharge time •BNC input with 3' M-to-M BNC pigtail •5VDC 2A AC adapter powers and charges tester •Li-ion 3.7V 3000mAh rechargeable battery •Carrying case included •Supports many popular PTZ protocols including Pelco D, Pelco P, Sanyo and Panasonic •See MCMelectronics.com for full list

•Color bar signal generator •Up to 12 hour battery life •4 hour recharge time •BNC input with 3' M-to-M BNC pigtail •5VDC 2A AC adapter powers and charges tester •Li-ion 3.7V 3000mAh rechargeable battery •Carrying case included •Supports many popular PTZ protocols including Pelco D, Pelco P, Sanyo and Panasonic •See MCMelectronics.com for full list

Order #	Description	MSRP	Reg.	VIP
82-12845	Tester	\$599.00	-	\$359.00
82-12846	Replacement battery	49.99	\$25.49	19.99



7.0" Color LCD Test Monitor

Save time and money with this handy CCTV camera test monitor. This monitor is ideal for quickly focusing and adjusting field camera installations. Features a large 7.0" LCD TFT display with settings for 4:3 and 16:9 aspect, versatile carry-case with see-through case cover to protect monitor in outdoor applications, and adjustable, hands-free wrist strap/belt strap. **Specifications:** •Two RCA composite video inputs and one loop-through RCA video output port (four BNC-to-RCA adapters included) •RCA audio input port •Resolution: 1440 x 234; contrast: 300:1; brightness: 500cd/m2 •Volume and video brightness/contrast adjustments •Power: Includes rechargeable Ni-MH battery and cord, and has a 12VDC, 500mA power adapter to charge the battery (four hour continuous battery life; two hour charge time).

Order #	Description	MSRP	Reg.	VIP
82-12340	LCD Test Monitor	\$499.00	\$305.00	\$279.00
82-12341	Replacement Li-ion Battery	79.95	60.69	59.00



Section 12 Security

Save time and money with handy CCTV field testing equipment.



#82-11561

#82-11562

DEFENDER™ Multi-Function CCTV Testers with Flip-Up 3.5" Color LCD Monitor

The Rapport II and Rapport II Pro are the latest innovations in portable, hand held CCTV testers. With a new compact, 3.5" flip-up LCD monitor, and a new video signal meter, both testers still combine six primary functions into a single, easy to use device. The Rapport II Pro goes a step further with a "DVR" function that records to a SD card. **Features:** •3.5" color LCD monitor •Video signal meter and pattern generator measures composite video signal strength and displays both color bar and color raster (red, green blue) •Built-in digital multi-meter tests AC/DC voltage, resistance and continuity •Protocol analyzer and protocol controller •UTP cable tester. Comes complete with lithium polymer rechargeable battery for up to four hours of continuous use, 12VDC, 1.25A power adapter, car charger with 5' cord, carry-case for both tester and accessories, 4' BNC M/M patch cable, UTP terminating module and a 3' long set of test leads. **Order # Description MSRP Reg. VIP**

Order #	Description	MSRP	Reg.	VIP
82-11561	Rapport II	\$749.00	~~\$560.00~~	\$519.00
82-11562	Rapport II Pro (with DVR)	\$849.00	~~673.00~~	\$599.00
82-11563	Replacement battery	-	~~50.49~~	49.00



DEFENDER™

2.5" Color LCD Test Monitor

Compact, lightweight and portable, this CCTV camera test monitor is perfect for quickly focusing and adjusting field camera installations, saving both time and money. Includes versatile carry-case featuring adjustable, hands-free wrist straps, and fold-up sun-shield for anti-glare, daytime viewing. **Specifications:** BNC composite video input (1.0V p-p/75ohm) and BNC composite loop-through output. Video adjustments for brightness and color. Viewing angle of 90°, dot pitch of 0.1025 (W) x 0.163 (H), and contrast ratio of 150:1. **Power:** Includes six "AA" batteries, and has a 9VDC, 250mA jack (adapter not included, use #82-3950). **Order # MSRP Reg. VIP**

Order #	MSRP	Reg.	VIP
82-11545	\$299.00	~~\$214.00~~	\$179.00



DEFENDER™ 5.6" Color LCD Test Monitor

Ideal for quickly focusing and adjusting security cameras prior to, and during installation. Features a 5.6" LCD TFT display and an integrated test pattern generator. **Specifications:** •Two BNC composite video inputs and one loop-through BNC video output •3.5mm audio input and output ports •Resolution: 320 x 234; Contrast: 150:1; Brightness: 300 cd/m2 •Volume and video brightness/contrast adjustments •Carry-case with adjustable, hands-free strap/belt combo. **Power:** Includes rechargeable lithium-polymer battery (7.4V/2650mAh; 4-hour continuous battery life; 2-hour charge time), and has both a 9VDC power adapter and 12VDC car charger. **Order # Description MSRP Reg. VIP**

Order #	Description	MSRP	Reg.	VIP
82-12460	Test monitor	\$409.00	~~\$305.00~~	\$299.00
82-12461	Replacement Battery	79.00	~~50.99~~	39.99



DEFENDER™ Multi-Function CCTV Tester with 3.5" LCD Color Monitor

The perfect tool for any installer who's looking for a lightweight, portable color field test monitor. This tester combines six primary CCTV functions into a single, easy to use device. **Tester functions:** Video signal/pattern generator, AC/DC voltage, PTZ control, cable (4-conductor open/shorts), and audio •Rugged drop-safe rubberized shell •Three hour charge time/four hour run time •2200mA, lithium polymer battery •Positive and negative probes •Shoulder, belt, and hand strap included •20~250VAC voltage range •0~45V DC voltage range **Order # Description MSRP Reg. VIP**

Order #	Description	MSRP	Reg.	VIP
82-13200	CCTV Tester with LCD	\$356.00	~~299.00~~	\$299.00
82-13201	Lion battery	-	~~29.99~~	29.99



DEFENDER™

Covert Smoke Detector Color Camera

1/4" color Sony Super HAD CCD image sensor in an indoor smoke detector enclosure. Features 380TVL resolution, side-view 3.7mm lens, 1.0 lux, and automatic backlight compensation, gain control and electronic shutter. **Power:** 12VDC, 80mA. **Note:** Power adapter not included (use #82-3950). **Output:** 1V p-p, 75ohm (BNC). **Order # MSRP Reg. VIP**

Order #	MSRP	Reg.	VIP
82-11535	\$159.00	~~\$95.89~~	\$69.99



Swann

Wireless Outdoor Day/Night Camera Kit

The Swann Night Hawk 2.4GHz wireless camera kits are perfect for home, office and retail installations. The camera and receiver feature a one-way video and audio transmission range of up to 300' (unobstructed), and the installation is effortless. **Camera specifications:** •1/4" CMOS sensor •380TLV resolution •8.5mm lens •Waterproof IP66 rating •12 LEDs •Power: 8VDC, 200mA. **Receiver specifications:** •2.4GHz frequency •Four-channel auto-switching •Normal and loop-through video switch •Power: 8VDC, 200mA (12VDC, 500mA for two-camera kit). **Package includes:** Camera with built-in audio microphone and camera stand, four channel receiver, power adapters and A/V cable. **Order # Mfr. # Description Reg. VIP**

Order #	Mfr. #	Description	Reg.	VIP
82-11920	SW-P-WOC2	Two-camera kit	~~\$199.00~~	\$179.00
82-11925	SW-P-WOCX	Additional camera	~~108.00~~	89.99



Swann

Advanced Digital Wireless Camera and Receiver

Swann's AWD-series 2.4GHz wireless camera and receiver kit now transmits video further (up to 400', unobstructed) using frequency-hopping spread spectrum (FHSS) technology to reduce possible interference from other DSSS wireless devices, and improve wireless privacy during transmission. Also incorporates digital PTZ capabilities accessible from your remote PC. The camera features 25' night vision IR LEDs and a durable, weather resistant housing. Mfr. #SW233-ADW **Order # Reg. VIP**

Order #	Reg.	VIP
82-12500	~~\$204.00~~	\$189.00



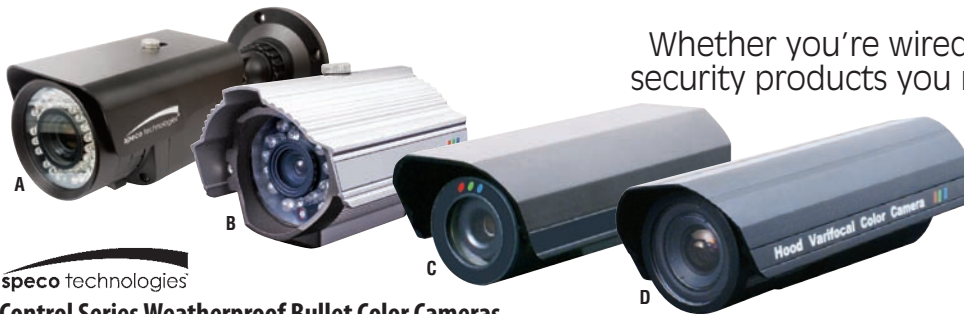
DEFENDER™

Wireless Outdoor Day/Night Bullet Camera Kit

Versatile and expandable this 2.4GHz wireless kit is easy to install in the home, office or retail setting and features an open-air transmission distance of about 150'. **Specifications camera:** •1/4" CCD sensor •420TVL resolution •Waterproof IP66 rating •26 LEDs •35' night time viewing range •Built-in audio •Power: 12VDC, 350mA. **Receiver:** •2.4GHz frequency •Four-channel auto-switching •Normal and loop-through video switch •Power: 8VDC, 190mA •Kit includes: Camera (#82-12861) with mount, mounting hardware and built-in microphone, a four channel receiver, two power adapters, and a 3' A/V cable (RCA). **Order # Description MSRP Reg. VIP**

Order #	Description	MSRP	Reg.	VIP
82-12860	Wireless camera kit	\$149.00	~~\$112.00~~	\$109.00
82-12861	CCD D/N camera	109.00	-	49.99
82-12862	CMOS D/N camera	99.95	-	29.99

Whether you're wired, or wireless MCM has the security products you need to get the job done.



speco technologies

Control Series Weatherproof Bullet Color Cameras

The control series line of cameras offers full on screen control of all major camera functions. These are a favorite of installers because they are able to tweak an installation to perfection. **Specifications:** •1/3" Sony Super-HAD CCD •540TVL •0.5 lux •Shutter type controls •BLC adjustability, allows you to adjust the sensing area of the camera •White balance adjustment •Camera titles •Adjustability of several other camera functions including contrast, sharpness, CB-gain, CR-gain, etc. **Output:** 1V p-p, 75ohm •See MCMelectronics.com for details

Fig.	Order #	Mfr. #	Description	Lens	Reg.	VIP
A	82-13050	CVC627VFS	Infrared	2.8-12mm	\$242.00	\$229.00
B	82-13051	CVC627S	Infrared	6mm	115.00	109.00
C	82-13052	CVC6700S	Standard	6mm	112.00	109.00
D	82-13053	CVC6705S	Standard	4-9mm	181.00	169.00

Weatherproof Color Day/Night Bullet Camera Kits

NEW!

Get everything you need for your CCTV camera installation with these bundle packs from MCM. Just add a DVR, and you are ready to record. **Specifications:** •1/4" Sony SuperHAD CCD image sensor •420TVL resolution •Fixed 3.6mm lens •Rugged aluminum housing •Outdoor rated •1.0 lux (0.0 with IR) •Up to 20' night time IR range with 12 IR LEDs **Power:** •12VDC, 120mA **Includes:** •2A power supply (#82-13205), 3A power supply (#82-13210) with power pigtail for each camera •60' power and video cables

Order #	Cameras included	Reg.	VIP
82-13205	4	\$203.00	\$189.00
82-13210	8	407.00	389.00



Ultra Miniature Color Camera with Audio

Simply connect the Swann Security Cam to your TV, VCR or security monitor for convenient monitoring or recording. Includes a high quality color CMOS imager, built-in microphone, tough metal casing and versatile mounting bracket. **Specifications:** •380 TV lines resolution •6.0mm lens •45° viewing angle •1.5 lux •7' attached cable •Includes 9V battery-snap mobile power adapter (4hr. max). **Power:** 12VDC, 120mA adapter (included). **Output:** 1V p-p, 75ohm (RCA). Mfr. #SW211-DSC-13120

Order #	Reg.	VIP
82-11800	\$30.59	\$27.99



Color D/N 3-Axis Ball Cameras

Weather-resistant color camera features unique 3-axis adjustment for multi-angled walls and ceilings, and an optional motion activated white-light LEDs to "flood" the area with light and further deter theft. 1/3" Sony Super HAD CCD image sensor, easy to adjust 3-axis housing, 4.3mm lens. **Specifications:** •420 line resolution •Minimum 0.5 lux (0.0 w/ LEDs on) •Internal synchronization •Power: 12VDC (use adapter #82-3950). **Output:** 1V p-p, 75ohm (BNC).

Order #	Description	MSRP	VIP
82-12885	3-Axis camera w/LEDs	\$169.00	\$69.99
82-12886	3-Axis camera w/LEDs and motion lighting	199.00	79.99



DEFENDER CMOS Mini Color Cameras

NEW!

Terrific solution for covert security, these miniature cameras are ideal for indoor surveillance applications. **Features:** •1/3" OmniVision CMOS image sensor •380TVL resolution •Viewing angle: 45° •Built-in microphone •Versatile mounting options •6.9mm lens •3.0 lux •#82-13296 features 6 IR LEDs for night vision up to 10' **Power:** •12VDC, 500mA •Adapter not included (#82-3950) **Output:** •Video: 1V p-p, 75ohm (RCA) •Audio: Mono RCA

Fig.	Order #	MSRP	VIP	Fig.	Order #	MSRP	VIP
A	82-13295	\$39.99	\$25.49	B	82-13296	\$59.99	\$35.69



DEFENDER Weatherproof Color Day/Night IR Bullet Camera

- ✓60' night-time illumination
- ✓6mm fixed lens

Color Day/Night bullet camera features a 1/3" Sony CCD image sensor and 16 IR LEDs. Features IP67 waterproof rated housing for exceptional outdoor protection and rugged aluminum housing construction. Includes flexible metal mounting bracket. **Specifications:** •6.0mm lens •1.0 lux (0.0 w/16 LEDs on) •Up to 60' night time IR range •Auto electronic shutter •Automatic white balance. **Power:** 12VDC, 370mA (IR on). **Note:** Power adapter not included (#82-3950). **Output:** 1V p-p, 75ohm (BNC).

Order #	Reg.	VIP
82-12970	\$60.69	\$49.99



Weatherproof High-Resolution D/N Color Bullet Camera

- ✓100' nighttime illumination
- ✓2.8-10mm varifocal lens

Color day/night bullet camera features a 1/3" Sony super HAD CCD image sensor with an impressive 540TVL resolution. The 2.8mm-10mm lens with 42 LEDs are in an IP65 rated housing. **Features:** •Minimum illumination of 0 Lux (IR LED on) •Auto backlight compensation •Electronic shutter •IR distance of 100'

Order #	Color	VIP
82-13375	Black	\$169.00
82-13376	Beige	169.00

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Section 12 Security

Look no further than MCM for all your surveillance needs.



DEFENDER
Outdoor Color Day/Night Bullet Camera with IR LEDs

- ✓ 25' night-time range
- ✓ 3.6mm lens
- ✓ 1/4" Sharp CCD

This outdoor bullet camera from Defender offers good quality at an extremely low cost. Featuring an IP66 waterproof aluminum housing, IR LEDs for night vision, and standard 1/4"-20 threads on both the bottom and the back for mounting (mount not included), this camera offers extreme versatility. **Features:** •1/4" Sharp CCD •420TVL resolution •.5 lux/0.0 with 15 IR LEDs •IR range: Approximately 25' •Electronic shutter •Automatic white balance •Power: 12VDC, 300mA **Note:** Power adapter not included (#82-3950) •Mount sold separately (#82-11335) •Output: 1V p-p, 75ohm (BNC) **Q**

Order #	MSRP	Reg.	VIP
82-13195	\$79.99	\$40.79	\$29.99



Color Day/Night Bullet Camera and Mounting Bracket

- ✓ 90' night-time illumination
- ✓ Varifocal lens

Color day/night bullet cameras feature a 1/3" Sony Super HAD CCD image sensor and DSP circuit for improved image quality. The 3.5-8.0mm varifocal lens is externally adjustable on the back of the housing. A versatile IP66 waterproof rated aluminum housing with sunshield incorporates standard 1/4" - 20 threads on both bottom and back for easy mounting. Easy-mount bracket conceals cabling. **Specifications:** •3.5-8.0mm varifocal lens •42 IR LEDs •Approximate 90' illumination range •.5 lux min/0.0 with IR LEDs •Electronic shutter •Automatic white balance •Power: 12VDC, 500mA (IR on). **Note:** Adapter not included (#82-3950). **Output:** 1V p-p, 75ohm (BNC). **Q**

Order #	Resolution	MSRP	Reg.	VIP
82-12405	420TVL	\$189.00	\$102.00	\$89.00
82-12410	520TVL	209.00	\$152.00	139.00



DEFENDER Weatherproof Bullet Cameras

Ideal for outdoor and covert applications, these ultra-compact bullet cameras feature a rugged aluminum case and excellent low-light sensitivity. **Specifications:** •420 lines resolution •3.6mm lens •Standard lens type •92° angle of view •Automatic back light compensation and built-in auto iris •Adjustable swivel base •Power: 12VDC, 100mA. **Note:** Adapter not included (use #82-3950). **Output:** 1V p-p, 75ohm (BNC). **Q**

Order #	Format	Lux Rating	MSRP	Reg.	VIP
Black and White					
82-11455	1/2"	0.1	\$109.00	\$65.29	\$49.00
Color					
82-11460	1/4"	0.5	189.00	69.00	86.69



DEFENDER
Weatherproof HQ1 Long-Range Varifocal Day/Night IR Camera

- ✓ 150' night-time illumination
- ✓ 6-50mm varifocal lens

Specifically designed for outstanding image reproduction and sensitivity, the Sony 1/3" HQ1 CCD also incorporates a DSP sensor for exceptional picture clarity. 36 high-powered LEDs illuminate up to 150' at night, and a 6-50mm varifocal lens facilitates optimal FOV adjustment. **Specifications:** •1/3" HQ1 CCD •520TVL resolution •Adjustable 6-50mm varifocal lens •0.2 lux (0.0 lux with IR LEDs on) •IP66 Weatherproof rating •150' night time IR range •Rugged aluminum housing •DSP, AGC, AWB •Electronic shutter •Cable pass-through mounting bracket included •Power: 12VDC, 500mA (IR on). **Note:** Adapter not included (#82-11321). **Output:** 1V p-p, 75ohm (BNC). **Q**

Order #	MSRP	Reg.	VIP
82-12965	\$269.00	\$173.00	\$159.00



HIKVISION
Analog Bullet and Dome Day/Night Cameras

No matter what kind of security camera is most suitable for your application, Hikvision has you covered with their diverse selection of security cameras. **Features:** •1/3" Sony Super HAD CCD •1 lux •Day/night auto control (except #DS-2CC502N) •Electronic shutter •IP66 weatherproof rating on outdoor cameras •Output 12V, 600mA **Note:** Adapter not included (#82-3950) •Output: 1V p-p, 75ohm (BNC) **Q**

Order #	Lens	Resolution (TVL)	Night time illumination	VIP
Indoor/outdoor bullet cameras				
DS-2CC112N-IR	6mm	480	30'	\$117.00
DS-2CC102N-IR	6mm	420	30'	88.70
Indoor/outdoor dome cameras				
DS-2CC512N-IR	6mm	480	30'	117.00
DS-2CC502N-IR	6mm	420	30'	88.70
Indoor dome cameras				
DS-2CC502N	12mm	420		88.70
Indoor vandal proof dome camera				
DS-2CC512N-FB	3.5-8mm	480		111.00
DS-2CC502N-FB	3.5-8mm	420		87.29



DEFENDER
Wide Angle Weatherproof Bullet Color Camera

Take advantage of an incredible 170° field of view from these outdoor, weatherproof color cameras. Features include a 1/3" DSP CCD image sensor, 420 lines of resolution, automatic gain control, low light sensitivity (Lux rating: 0.5) and a compact, rugged aluminum case. **Specifications:** •2.2mm lens •Adjustable swivel base •Power: 12VDC, 100mA. **Note:** Adapter not included (use #82-3950). **Output:** 1V p-p, 75ohm (BNC). **Q**

Order #	Resolution	Lux Rating	MSRP	Reg.	VIP
82-11466	420TVL	0.5	\$179.00	\$128.00	\$109.00
82-11467	480TVL	0.5	199.00	\$163.00	139.00



speco technologies
Intensifier 2 High-Resolution Color Cameras

The Intensifier 2 series features focus free technology, preventing trips back to the installation to re-focus the camera. Intensifier cameras amplify and maximize existing light to generate pictures where other cameras cannot. Sensitivity down to .002 lux while still providing color images. **Features:** 2.8-10mm focus free auto iris motorized zoom lens •580 lines of color resolution •Extreme resolution for extreme detail •Featuring HLC for enhanced backlight operation •Digital image stabilization •Advanced noise reduction circuitry eliminates blur •Relay outputs for built-in video motion detection •Wall and ceiling mount •Weatherproof **Output:** 1V p-p, 75ohm **Power:** Dual voltage operation 12VDC or 24VAC auto-sensing with line-lock •Adapter not included (#82-3950). **Q**

Order #	Type	Mfr. #	Reg.	VIP
82-13045	Bullet	HTB11FFI	\$359.00	\$339.00
82-13046	Dome with removable, paintable cover	HT7248FFI	334.00	309.00



DEFENDER
Weatherproof High Resolution Long-Range Color Day/Night IR Camera

- ✓ 200' night-time illumination
- ✓ 16mm lens

Heavy-duty day/night camera features 12 high power LEDs that illuminate up to 200' in total darkness. The Sony 1/3" Super-HAD CCD image sensor features a DSP sensor for picture clarity. **Specifications:** •480TVL resolution •Fixed 16mm lens •1.0 lux (0.0 lux with 12 high power IR LEDs on) •200' night time IR range •Rugged aluminum housing •AGC, AWB •Electronic shutter •Power: 12VDC, 800mA (IR on). **Note:** Adapter not included (use #82-11321). **Output:** 1V p-p, 75ohm (BNC). **Q**

Order #	Description	MSRP	Reg.	VIP
82-12415	Long-range camera	\$249.00	\$163.00	\$139.00
82-12416	Mounting bracket	-	\$4.29	9.99

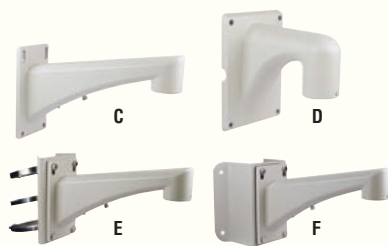


DEFENDER
Weatherproof Color Bullet Cameras with Varifocal Lens

- ✓ Ultra high resolution
- ✓ Low light sensitivity

This all-in-one bullet camera features a 1/3" Sony Super-HAD CCD image sensor, 0.1 lux low light sensitivity, high resolution and an externally adjustable varifocal lens. Improve your field installation time, increase your application flexibility, and reduce your inventory of multiple lens types. Other features include automatic gain control, a rugged, waterproof, aluminum casing with sunshield, and a sturdy swivel base. **Power:** 12VDC, 300mA. **Note:** Adapter not included (#82-3950). **Output:** 1V p-p, 75ohm (BNC). **Q**

Order #	Lens	Resolution	MSRP	VIP
82-11472	9.0-22mm	550TVL	\$329.00	\$109.00



HIKVISION PTZ IP and Analog Indoor/Outdoor Color Cameras with 22x Zoom

Remove the limitations of any security installation with these professional pan/tilt/zoom security cameras from Hikvision. Whether you want a complex IP based system, or analog system, we've got you covered.

Features: •3.9~85.8mm 22x optical zoom •360° endless rotation •200 preset positions •1/4" Sony Super HAD CCD image sensor •H.264 dual stream video compression •480TVL (768 x 494) •Medium pan speed: 0.2°~75° per second, tilt speed: 0.2°~50° per second •Fast pan speed: 0.3°~400° per second, tilt speed: .5°~150° per second. •Privacy masking •Up to 12x digital zoom •Outdoor cameras feature integrated heater and IP66 weather-proofing **IP camera features:** •SD card for local storage •Supports IE browser for network preview •Motion detection for PC client notification •See MCMelectronics.com for more information

Fig. Order #	Pan/tilt speed	Type	Reg.	VIP
IP cameras				
A DS-2DM1-612H	Medium speed	Outdoor	~~\$938.00~~	\$899.00
B DS-2DM1-602H	Medium speed	Indoor	~~938.00~~	899.00
Analog cameras				
A DS-2AF1-612X	Fast speed	Outdoor	~~679.00~~	639.00
B DS-2AF1-602X	Fast speed	Indoor	~~679.00~~	639.00
A DS-2AM1-612X	Medium speed	Outdoor	~~516.00~~	499.00
B DS-2AM1-602X	Medium speed	Indoor	~~516.00~~	499.00
Mounting brackets				
C DS-1611ZJ	-	-	~~38.99~~	35.99
D DS-1612ZJ	-	-	~~24.19~~	19.99
E DS-1621ZJ	-	-	~~68.69~~	54.99
F DS-1632ZJ	-	-	~~57.49~~	49.90

Security Section 12

Light up the night with IR illuminated cameras.



Color D/N Wide-Angle Vari-focal Vandal Resistant Ball Camera with IR LEDs

1/3" Sony high-resolution color CCD image sensor with nighttime infrared illumination and vandal-resistant metal construction. **Specifications:** •480 TV lines •2.8mm~10mm wide-angle vari-focal lens •3-axis •Electronic shutter •Power: 12VDC

Order #	Range	LEDs	Color	Housing	VIP
82-13365	60	36	BLK	Turret	\$99.00
82-13366	60	36	WHT	Turret	99.00
82-13370	40	21	BLK	Indoor	89.00
82-13371	40	21	WHT	Indoor	89.00

speco technologies

Color Indoor Day/Night Dome Camera

1/3" Sony Super HAD CCD color dome camera with special anti-reflection technology to eliminate IR reflections. Medium, or high resolution, indoor, ceiling-mount dome cameras include wall-mount adaptor, and feature flexible 360° manual rotation with a tilt angle of +/- 90°. **Specifications:** •420TVL, or 540TVL resolution, minimum 1.0 lux (with IR off), 22 IR LEDs with effective range of 60' •3.6mm board lens, or auto iris vari-focal 4-9mm •Internal synchronization, AGC, BLC. **Power:** 12VDC, 250mA (adapter included). **Output:** 1V p-p, 75ohm (RCA with BNC adapter included).

Order #	Mfr. #	Resolution	Lens	Reg.	VIP
82-11710	VL-648IR	420	3.6mm	~~\$129.00~~	\$119.00
82-11711	VL-648IRVF	420	4.0-9.0mm	~~171.00~~	149.00
82-11716	CVC-648IRVFHQ	540	4.0-9.0mm	~~244.00~~	229.00



speco technologies

Weatherproof Control Series IR Color Dome Camera

The Speco control series weatherproof/tamperproof, IR color dome cameras are both wall and ceiling mountable. These high resolution day/night cameras feature full OSD control of major camera functions. **Specifications:** •540TVL resolution •2.8~11mm auto-iris lens •48 IR LEDs providing approximately 100' night time illumination **Output:** 1v p-p 75ohm •See MCMelectronics.com for details

Fig.	Order #	Mfr. #	Color	Reg.	VIP
A	82-13058	HTD8SCSC	Chrome	~~\$315.00~~	\$309.00
B	82-13059	HTD8SCSB	Black	~~292.00~~	279.00
C	82-13060	HTD8SCSW	White	~~292.00~~	279.00

DEFENDER SECURITY

Color Day/Night Vandal Resistant Ball Camera with IR LEDs

•Night time infrared illumination •Waterproof IP66 rated •Ceiling or wall mount •DSP circuit for improved image quality

Order #	LEDs	IR Range	Lens	MSRP	Reg.	VIP
420TVL Resolution						
82-11350	24	45'	6.0mm	\$169.00	~~\$70.99~~	\$69.49
82-13185	42	45'	3.6mm	169.00	~~61.19~~	59.99



DEFENDER SECURITY

Color Vandal Resistant Dome Camera with Varifocal Lens

Camera with 1/3" sharp CCD image sensor and 3.5~9.0mm auto iris varifocal lens features an impact resistant polycarbonate cover to protect camera in high risk areas and a rugged weatherproof (IP65), silver colored aluminum housing. **Specifications:** •420 line resolution, minimum .8 lux •12 IR LEDs •Electronic shutter •Automatic gain control •Automatic white balance •Power: 12VDC/24VAC switchable. Includes ceiling mount bracket. **Output:** 1V p-p, 75ohm (BNC).

Order #	MSRP	Reg.	VIP
82-10775	\$239.00	~~\$160.00~~	\$89.99



DEFENDER SECURITY

Color Day/Night Vandal Resistant Dome Camera with IR LEDs

✓25' nighttime range
✓Wall mount conceals cabling

1/3" Sony Super HAD CCD with nighttime infrared illumination up to 25'. Versatile IP66 waterproof rated wall mount housing features sturdy aluminum construction. DSP circuit for improved image quality. **Specifications:** •420 line resolution •3.6mm lens •.5 lux/0.0 lux (w/IR LEDs on) •12 IR LEDs •Electronic shutter •Automatic white balance. **Power:** •12VDC, 300mA. **Note:** Power adapter not included (#82-3950). **Output:** 1V p-p, 75ohm (BNC).

Order #	MSRP	Reg.	VIP
82-11355	\$169.00	~~\$102.00~~	\$79.00



DEFENDER SECURITY

Mini Vandal Resistant Ball-Socket Dome Camera

Quickly rotate pivoting "eyeball" lens to desired viewing angle. Small size easily mounts to ceilings, or walls, and the rugged, aluminum, vandal resistant, IP66 weatherproof housing withstands demanding environments. **Specifications:** •1/3" Sony Super HAD CCD with 420 line resolution •3.6mm lens •0.2 lux •Automatic gain control •Automatic white balance •Only 3" (W) x 2.25" (H) •Housing color: White •Power: 12VDC **Note:** Adapter not included (#82-3950). **Output:** 1V p-p, 75ohm (BNC).

Order #	MSRP	Reg.	VIP
82-12165	\$189.00	~~\$107.00~~	\$89.00



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Section 12 Security

Make your next CCTV installation a huge success with cameras from Defender Security™.



High Resolution Day/Night Vandal Resistant Color Dome Camera with Varifocal Lens

- ✓ On-board OSD
- ✓ Motion Sensing
- ✓ Up to 600TVL resolution

Extremely versatile weatherproof color dome camera with 1/3" Sony Super-HAD CCD image sensor, Hi-resolution, ultra low illumination (.002 lux), and 2.8mm~12mm varifocal lens. Also features: •3-axis •Digital noise reduction, white balance, shutter speed, On screen display (OSD) menu to set-up a wide variety of functions, including motion detection with privacy masking, mirror imaging, synchronization, and gain control •Power: 12VDC/24VAC

Order #	Description	VIP
82-13405	Dome with 550TVL resolution	\$199.00
82-13406	Bracket for #82-13405	29.99
82-13410	Dome with 600TVL resolution	\$239.00



speco technologies Weatherproof Intensifier Color Day/Night Dome Cameras

camera with double-speed Sony Super-HAD image sensor amplifies and maximizes existing light to generate pictures where other cameras cannot. Available in standard, or IP versions. **Specifications:** •540TVL resolution •Includes auto iris varifocal lens •WDR adjustment for challenging back light situations •DSP and DNR controls to maximize picture quality •OSD controls to easily set camera functions •Minimum .002 lux (sense-up) •ATW, AWC, and manual white balance •Internal synchronization •Accepts C/CS mount lenses **Power:** 12VDC/24VAC (dual voltage). **Output:** 1V p-p, 75ohm. See MCMelectronics.com for details.

Order #	Mfr. #	IP Server	Varifocal Lens	Reg.	VIP
82-12206	HT-INTD4	No	5.0-50.0mm	\$652.00	\$619.00
82-12220	IP-INTD3	Yes	3.0-9.0mm	785.00	699.00
82-12221	IP-INTD4	Yes	5.0-50.0mm	783.00	719.00



speco technologies Tamperproof Miniature Color Dome Camera with Chameleon Cover

Super tough tamperproof miniature indoor color dome camera features a unique, paintable, white cover that snaps-on over the standard black housing. **Specifications:** •3.6mm lens •Minimum 0.5 lux •ATW, AWC, and manual white balance •Internal synchronization **Power:** 12VDC adapter included. **Dimensions:** 4.0"(W) x 2.5"(H). **Output:** 1V p-p, 75ohm. See mcmelectronics.com for details.

Order #	Mfr. #	CCD Sensor	Reg.	VIP
420TVL Resolution				
82-12235	CVC-647TP	1/4" Super-HAD	\$132.00	\$119.00
540TVL Resolution				
82-12240	HT-647HRT 1/4" HQ-1		224.00	209.00



speco technologies InPro Series IP Color Indoor Dome Camera

The industry's first self networking IP camera automatically configures the router, receives an IP address and appears on the internet within seconds. The included NVR software allows you to view up to 16 cameras at a time. **Features:** Connect to your cameras from anywhere using a unique camera ID number and password •View live and record from any PC in the world •From 4-20 users can view simultaneously •MPEG-4 compression •Adjustable frame rate from 1-30fps •User selection for fps or image quality priority •Bandwidth can be set for manual or automatic throttling •Sony Super-HAD CCD sensor •Adjustable bandwidth from 64Kb-1.5Mb •Resolution up to 720 x 480, 420TVL •Manual and/or motion detection recording •2.9-10mm auto iris varifocal lens •Available with either black or white housing •12VDC power supply and 6' ethernet cable included **Output:** •1V p-p, 75ohm BNC

Order #	Mfr. #	Housing	Reg.	VIP
82-13035	INPROD3	Black	\$412.00	\$389.00
82-13036	INPROD3W	White	412.00	389.00



DEFENDER Security High Resolution Color Day/Night Camera w/OSD

Ultra high resolution color camera features a Sony Super-HAD 1/3" CCD image sensor and built-in on screen display control for quick and accurate setup. **Specifications:** •550TVL resolution •On-board OSD control with motion detection and privacy masking settings •Super BLC, AWB, AGC •Auto iris and mechanical cut filter with CDS day/night sensor **Power:** •Auto-sensing dual power (12VDC/24VAC) **Output:** •1V p-p, 75ohm (BNC) **Note:** •Adapter not included (use #82-3950) •Lens not included

Order #	MSRP	Reg.	VIP
82-12825	\$239.00	\$183.00	\$169.00



Panasonic High Resolution Color Day/Night Camera

- ✓ Dual voltage
- ✓ DSP improves image quality

The WV-CP284 Series color camera is equipped with a newly-developed DSP, providing improved image quality. Utilizing the first Adaptive Black Stretch technology in the industry, the DSP uses image processing to transform dark areas into natural, high contrast images in real time, while keeping crisp areas unchanged. •540 lines of horizontal resolution •Minimum illumination of .8 lux •24VAC, 60Hz or 12VDC **Note:** Lens not included.

Order #	Reg.	VIP
WV-CP284	\$194.00	\$189.00



speco technologies Motorized Color PTZ Dome Camera

The Speco HT-650PT10X is a professional PTZ in an economical package. **Features:** •3.8~38mm 10x motorized optical zoom with 10x digital zoom •560 lines resolution •Motorized pan and tilt (optional remote controlled; RC650) •RS-485 communication •64 pre-set positions •Pans up to 93° per second •Adjustable speeds •Sequential, auto and random pan modes •Vandalproof and weatherproof •Ready for ceiling mounting •Compatible with 650WMT and 650CMT optional mounting brackets, and 650JBM junction box •Sliver housing

Order #	Mfr. #	Description	Reg.	VIP
PTZ				
82-12610	HT650PT10X	Motorized dome	\$601.00	\$579.00
Accessories				
82-12611	RC650	Remote control	122.00	109.00
82-11735	650WMTS	Silver wall mount	49.99	49.99



HIKVISION IP Box and Dome Cameras

No matter what kind of security camera is most suitable for your application, Hikvision has you covered with their diverse selection of security cameras. **Features:** •1/3" Sony Super HAD CCD •1 lux •4cif @ 30fps, 768 x 494 •Optional local SD flash memory support •3.5mm audio support •Alarm in/out •Output 12V, 600mA **Note:** Adapter not included (#82-3950) **Output:** •1V p-p, 75ohm (BNC)

Order #	Resolution (TVL)	Reg.	VIP
Dome camera with 3.5-9mm lens			
DS-2CD792NF-E	540	\$448.00	\$429.00
DS-2CD712NF-E	480	418.00	399.00
DS-2CD702NF-E	420	336.00	329.00
Box camera (lens not included, C/CS mount)			
DS-2CD892NF-E	520	367.00	359.00
DS-2CD812NF-E	480	356.00	339.00
DS-2CD802NF-E	420	295.00	279.00

#DS-2CD852MF-E



HIKVISION Megapixel Box Cameras

Utilizing the latest H.264 recording technology, and providing exceptional picture quality accessible via your network, these 1.3 and 2.0 megapixel IP cameras are easy to install on your network and suitable for any application. **Features:** •Linux embedded •720p @ 20fps, 1280 x 960 (1.3mp camera), 720P @ 15fps, 1600 x 1200 (2mp camera) •3.5mm audio jack in/out •Alarm in/out •RJ-45 connection •RS-485 connection •0.1 lux @ F1.2 (1.3mp camera), 0.5 lux @ F1.2 (2mp camera) •Local storage support, up to 16Gb SD card •Supports power over ethernet •24VAC/12VDC box cameras (lens not included, C/CS mount)

Order #	Image Sensor	Reg.	VIP
DS-2CD852MF-E	1/3" CMOS 2.0mp	\$622.00	\$599.00
DS-2CD862MF-E	Sony progressive scan CCD 1.3mp	581.00	549.00



Varifocal Lenses

- ✓ Focal lengths up to 60mm
- ✓ DC, manual and video iris

All lenses are CS mount and are ideal for 1/8" image format CCDs. They are available in manual, DC and video auto-iris. The recommended minimum object distance is greater than 8".

Order #	Focal length	Aperture (F)	Viewing Angle	MSRP	Reg.	VIP
Manual iris						
82-10255	2.8-12mm	1.4	110°-28°	\$62.95	~~\$54.00~~	\$29.99
82-10265	6-15mm	1.6	52°-23°	54.95	~~49.99~~	19.99
82-10270	12.0-30mm	1.6	28°-12°	57.95	~~50.99~~	29.99
82-10275	6-60mm	1.6	52°-6°	139.00	~~112.00~~	59.99
DC auto-iris						
82-10280	2.8-12mm	1.4	110°-28°	89.95	~~81.59~~	49.99
82-10285	12.0-30mm	1.6	28°-12°	89.95	~~81.59~~	49.99
82-10290	6-60mm	1.6	52°-6°	189.00	~~149.00~~	79.99



Fujinon's 1/8" format varifocal lenses feature patented manufacturing technology with aspherical lens elements to optimize resolution and optical performance. In addition to standard daytime lenses, the day/night compatible lenses provide excellent low light performance for your day/night camera by compensating for aberrations that exist under near infrared light conditions. Lenses will fit all 1/8" CS mount cameras.

Fig. Mfr. #	Order #	Focal Length	Day/Night	Zoom Ratio	Reg.	VIP
Manual Iris						
A	82-10711	2.8-8mm	Day	2.7x	~~\$40.79~~	\$34.99
	YV2.8x2.8LA-2					
A	82-10715	2.9-8mm	Day	2.7x	~~70.89~~	49.99
	YV2.7x2.9R4B-2		/Night			
B	82-10720	2.7-13.5mm	Day	5x	~~81.09~~	59.99
	YV5x2.7R4B-2		/Night			
C	82-10725	5-50mm	Day	10x	~~142.00~~	89.99
	YV10x5B-2					
C	82-10730	5-50mm	Day	10x	~~152.00~~	99.99
	YV10x5R4A-2		/Night			
DC Auto Iris						
A	82-10737	2.8-8mm	Day	2.7x	~~43.89~~	35.99
	YV2.8x2.8LA-SA2L					
A	82-10740	2.9-8mm	Day	2.7x	~~112.00~~	69.99
	YV2.7x2.9R4B-SA2L		/Night			
B	82-10745	2.7-13.5mm	Day	5x	~~132.00~~	79.99
	YV5x2.7R4B-SA2L		/Night			
C	82-10750	5-50mm	Day	10x	~~163.00~~	99.99
	YV10x5B-SA2L					
C	82-10755	5-50mm	Day	10x	~~183.00~~	129.00
	YV10x5R4A-SA2L		/Night			
C	82-10757	15-50mm	Day	10x	~~112.00~~	99.99
	YV3.3x15R4A-SA2					

Outdoor Infrared Illuminators

Perfect solution for adding camera surveillance lighting to dark parking lots or back yards, these illuminators feature exceptional range and heavy-duty construction. **Features:** •48 high powered infrared LEDs •Approximate range: 175 square feet (#82-13235), 75' (#82-13215) •IP66 weatherproof aluminum housing •24" power pigtail •Required power: 12VDC, 850mA (#82-13235), 12VDC, 400mA (#82-13215) •Note: Adapter not included

Fig.	Order #	Description	MSRP	VIP
A	82-13215	Bullet illuminator	\$79.99	\$50.99
B	82-13235	Dome illuminator	129.99	102.00
C	82-13240	Wall mount bracket (for Fig. B)	24.99	20.39



Outdoor Camera Enclosure Kit

Outdoor aluminum camera housing and mount features a front-hinged lid, glass window lens, lockable clasp to secure the lid, baked enamel finish, one moisture resistant cable gland, and an adjustable mounting bracket. Inside dimensions: 12 1/2" (L) x 5" (W) x 4" (H). Power: 24VAC

Order #	Description	MSRP	Reg.	VIP
82-12385	Housing and mount only	\$69.95	~~\$31.69~~	\$24.95
82-12386	Housing and mount w/ 24VAC heater and blower	89.95	~~41.89~~	34.95



Outdoor Dummy Camera Housings

Lower your installation cost without sacrificing the deterrence achieved from strategically positioned dummy housings. A great way to economically enhance your loss prevention efforts, these rugged all-metal housings and mounts feature realistic on-board cameras with flashing LEDs to simulate the appearance of live video surveillance.

Fig.	Order #	MSRP	Reg.	VIP
A	82-12957	\$29.99	~~\$20.39~~	\$17.99
B	82-12960	59.99	~~40.79~~	37.99



Pan/Tilt Camera Mounts

Indoor and outdoor pan-only, and pan/tilt mounts commonly used for mounting cameras and housings that require remote control maneuverability. **Specification:**

- Travel (Pan) bi-directional auto scan with two adjustable positive stops to change direction
- Manually adjustable tilt angle
- Pan speed: 5°/sec
- Construction: ABS/aluminum
- Note: Outdoor P/T mount is water resistant.

Fig.	Order #	Description	Pan	Tilt	Max Load	MSRP	Reg.	VIP
A	82-12425	Indoor pan-only mount	350°	90°	11 lbs.	\$49.95	~~\$16.39~~	\$12.99
B	82-12435	Indoor pan/tilt mount	350°	50°	22 lbs.	69.95	~~37.79~~	32.99
C	82-12440	Outdoor pan/tilt mount	350°	50°	22 lbs.	129.00	~~72.49~~	54.99
D	82-12445	Controller for pan, or P/T	-	-	-	49.95	~~30.59~~	24.99



Electronic Digital Safes

Great for hotels, businesses or home use, these safes feature heavy gauge steel construction with pre-drilled holes and mounting hardware, dual throw bolt locking systems, easy-to-use digital keypad entry with programmable codes, auto-locking function for incorrect entries (#82-12851 features LCD display), and two emergency over-ride keys. Requires four "AA" batteries (not included).

Order #	Cubic Foot	Dimensions (mm) (H) x (W) x (D)	MSRP	Reg.	VIP
82-12850	.40	310 x 200 x 20	\$59.95	~~\$39.99~~	\$32.99
82-12851	.55	350 x 250 x 250	89.95	~~69.99~~	45.99



Infrared Illuminators

Using an infrared illuminator with black and white cameras allows the camera to virtually see in the dark. Built-in CdS sensor turns the illuminator on when the light level is below 10 lux. Usable distance of 30'-60' and 20° dispersion angle. Input power: 12VDC, 200/350/500mA. Note: Adapter not included (#82-3950).

Order #	Diameter	LEDs	Distance	MSRP	Reg.	VIP
82-9405	69mm	56	45'	\$59.99	~~\$43.89~~	\$39.99
82-9410	94mm	104	60'	89.99	~~54.09~~	49.99



Security

Section 12

Brand names you can trust at prices you can afford.



Dummy Cameras

Take advantage of economical dummy cameras when budgeting for your next CCTV installation. Featuring realistic designs and rugged ABS construction, these dummy cameras make it nearly impossible to detect they are not real!

Fig.	Order #	Type	Flashing LED	MSRP	Reg.	VIP
A	82-12955	Box camera	Yes	\$19.99	~~\$13.29~~	\$9.99
B	82-12956	IR bullet camera	Yes	19.99	~~13.29~~	9.99
C	82-12958	Dome camera	No	14.99	~~9.19~~	7.99



Dummy Pendant Dome Camera

Large dummy dome and camera simulates the real thing at a fraction of the cost. The life-like box camera with flashing LED is suspended on a mount inside the rugged, weather resistant ABS dome housing. It simulates the appearance of live video surveillance, and adds a low cost security deterrent to any indoor or outdoor installation. A great way to economically enhance your loss prevention efforts. Dimensions: 15" (H) x 11" (W) x 15" (D).

Order #	MSRP	Reg.	VIP
82-12959	\$69.99	~~\$50.99~~	\$49.99



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Enter source code from back cover in web shopping cart for sale prices.



Section 12 Security

Make your next CCTV installation a huge success with cameras from Defender Security™.



CCTV DC Power Pigtail

Ideal for CCTV applications, these DC power pigtail cords are handy in the field when terminating and transitioning 2 conductor camera power. Also available in a female version. **Specifications:** •DC barrel plug and receptacle dimensions: 5.5mm x 2.1mm •Center positive •Color-coded wires; red(+); black(-) •3' length •Tinned leads •26AWG. **NEW!**

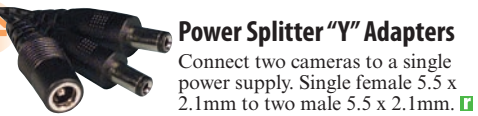
Order #	Description	MSRP	Reg.	VIP
24-5361	Male DC pigtail	\$10.99	\$4.49	\$3.99
24-5362	Female DC pigtail	10.99	4.49	3.99



CCTV Video/Power Installation Cables

Make your CCTV installations quick and easy with pre-made CCTV cables. Combination video/power with BNC or RCA type connectors 5.5 x 2.0 DC barrel connector for power (male/female).

Order #	Video Cable	Length	Reg.	VIP
24-5280	BNC	25'	\$10.19	\$7.99
24-5285	BNC	50'	15.29	9.99
24-5290	BNC	75'	18.99	13.99
24-5300	RCA	25'	10.19	7.99
24-5305	RCA	50'	14.29	9.99



Power Splitter "Y" Adapters

Connect two cameras to a single power supply. Single female 5.5 x 2.1mm to two male 5.5 x 2.1mm.

Order #	Length	Reg.	VIP
24-5355	12"	\$2.59	\$1.29
24-5360	24"	2.29	1.69



DEFENDER SECURITY Versatile Camera Mounting Bracket

Economical, multi-purpose camera mounting bracket for most CCTV applications.

Coated metal construction. Four-piece bracket facilitates both wall and ceiling mounting in straight, or L-shape configuration. Maximum load 6 lbs.

Order #	Color	MSRP	Reg.	VIP
82-11375	Black	\$10.99	\$9.19	\$4.99
82-11376	Putty	10.99	9.19	4.99



DEFENDER SECURITY Heavy-Duty Camera Mount

Heavy-duty aluminum camera mount features a 22 lb. capacity and 12" length. Excellent choice for use with any camera or housing. 360° swivel and 170° tilt angle. Color: Putty

Order #	MSRP	Reg.	VIP
82-11390	\$17.99	\$15.29	\$8.99

CCTV Installation Cables

Make your CCTV installation quick and easy with pre-made CCTV cables. Combination video/power with BNC connectors for video and 18AWG twisted pair for power.

Order #	Length	Reg.	VIP
24-6605	25'	\$11.29	\$9.99
24-6615	75'	21.49	17.99
24-6620	100'	26.59	19.99
24-6625	150'	43.89	34.99



Mini-Coax CCTV Video/Power Cables

Easily extend your video and power connections up 150' with flexible, light-weight, pre-terminated mini-coax patch cables. **Specifications:** 75ohm, EMI-RFI shielded, low-loss mini-coax (OD is 0.167" nominal) video cable bonded with power cable (5.5mm x 2.0mm male/female DC barrel connectors). Includes two BNC to RCA adapters to accommodate common camera video connections.

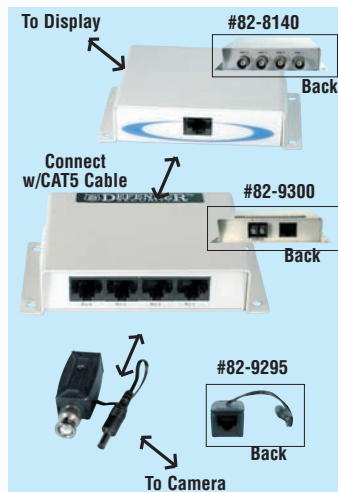
Order #	Length	Reg.	VIP
24-9675	25'	\$10.19	\$8.99
24-9676	50'	16.39	12.99
24-9678	100'	25.49	19.99
24-9679	150'	35.69	32.99



mg Universal Camera Mount with Ceiling Clip

•12 possible combinations •1" mounting head adjustable up to 180° •2" drop ceiling "X" clip •2 1/2" free-standing/wall mount base •Two 2" long shafts •One 1" shaft •1/2"/20 threads throughout •All parts interchangeable

Order #	Color	Reg.	VIP
82-11335	Black	\$10.19	\$5.99
82-11336	White	10.19	5.99



DEFENDER SECURITY Video and Power Transmission System

Transmit power and video signals over standard UTP Cat 5 cables. The video/power balun carries DC power along with video over standard UTP cable. The built-in DC plug on the video/power balun at the camera end (#82-9300) receives power from the transmitter (#82-9295). The male BNC to RJ-45 jack converts 75ohm video to 100ohm video for use with economical UTP Cat 5 cables. To monitor and record the signals use the four channel video balun (#82-8140) to break the signal back out. The four channel video balun converts a single 100ohm RJ-45 single to four 75ohm BNC for transmission over coaxial cable. Transmits distances up to 1000' for color video and 2000' for black and white. Using Cat 5e or greater can increase distances by 20%.

Order #	Description	MSRP	Reg.	VIP
82-9295	Video/power transmitter	\$39.95	\$24.49	\$14.99
82-9300	4 UTP to 1 UTP receiver/transmitter	69.95	36.79	32.99
82-8140	1 UTP to 4 coax receiver/transmitter	59.95	43.89	37.99



Power Splitter Cables

•Easy solution for powering multiple security cameras with one large power supply •Female 5.5mm x 2.1mm DC barrel jack connects to your power supply and splits it into four or eight male 5.5mm x 2.1mm DC barrel plug connectors •1' length

Order #	Description	MSRP	VIP
82-13250	Four-way splitter	\$7.99	\$5.09
82-13255	Eight-way splitter	12.99	9.19



DC Power Extension Cables

These female to male DC power cables offer an easy solution for extending the length of a DC power supply. **Features:** •High-quality plugs and jacks with strain reliefs •Available in either straight or right angle

Order #	Length	Size	Reg.	VIP
Straight Plug				
23-760	1.5m	2.1mm	\$3.09	\$1.59
23-761	3m	2.1mm	4.09	2.19
23-762	5m	2.1mm	6.19	2.99
23-763	10m	2.1mm	10.19	4.39
23-765	1.5m	2.5mm	3.09	1.99
23-766	3m	2.5mm	4.09	2.39
23-767	5m	2.5mm	6.19	2.99
23-768	10m	2.5mm	10.19	4.99
Right Angle Plug				
23-770	1m	2.1mm	3.09	1.29
23-771	2m	2.1mm	4.09	1.99
23-772	3m	2.1mm	5.09	2.29
23-773	5m	2.1mm	6.19	2.99
23-774	10m	2.1mm	10.19	4.19
23-775	1m	2.5mm	3.09	1.29
23-776	2m	2.5mm	4.09	1.29
23-777	3m	2.5mm	5.09	2.29
23-778	5m	2.5mm	6.19	2.99
23-779	10m	2.5mm	10.19	4.99

Voice Dialer

Automatically dials up to four telephone numbers and delivers up to two different messages when triggered by an alarm system. Easily connects to an alarm panel and automatically dials when activated two NO/NC trigger inputs. Two independent voice messages and up to four telephone numbers, cellular numbers or pager numbers. Delivers a message up to 16 seconds to each number stored. Can be used world wide due to universal dial tone. Can be used with standard or PBX telephone systems. 

Order #	Reg.	VIP
82-967	\$112.00	\$99.00

CCTV Warning Signs

Let any potential intruder know that you have a security camera system, or at least make them think that you do. Note: Mounting hardware not included. 

Order #	Dimensions (W x H)	VIP
82-13275	11.5" x 18"	\$8.19
82-13280	8.5" x 11"	5.09



ALARM CONTROLS CORPORATION

Access Control Systems

Ideal for use in any commercial environment, these access control systems consist of an electromagnet lock, backlit digital keypad, push to exit button, and a 24V power supply. **Keypad features:** •Supports up to 100 individual user codes •Built-in tamper switch with alarm output •Built-in buzzer •LED status lights •Stainless steel single gang wall plate •Includes back box for surface mounting •Four to eight digit code lengths **Exit button features:** •LED illumination •SPDT momentary action switch •2" square pushbutton **Magnetic lock features:** •600 lbs. minimum holding force (#82-13315), 1200 lbs. minimum holding force (#82-13316) •12VDC or 24VDC switchable 

Order #	Description	VIP
82-13315	Indoor kit	\$295.00
82-13316	Outdoor kit	\$356.00

ELK Compact Relay

The ELK-912 is a high quality 12VDC relay. It features SPDT form "C" heavy-duty dry contacts, low current draw, and positive or negative activation. All units are conveniently packed in a reusable poly storage box. **Specifications:** Operating voltage: 12VDC nom. Current draw: 30 millamps. Minimum pull-in voltage: 9VDC. Diode protection across relay coil. Contact ratings: 7A @ 30VDC, 10A @ 125VAC. Size: 1.1" (W) x 1.55" (H) (28mm x 39mm). 

Order #	Reg.	VIP
82-2175	\$12.79	\$9.99

Special order? No problem!
Give MCM a call for a quick response.



MG Power Transformers

Power transformers for use in security applications such as alarm panels, door access controls and security cameras. 

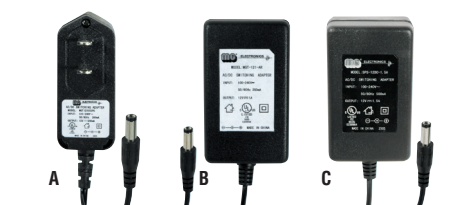
Order #	Volts	V/A	Reg.	VIP
82-1530	24	20	\$8.89	\$6.99
82-1535	24	40	8.89	6.99
82-1540	16.5	40	8.89	6.99
82-1545	12	40	8.89	6.99
82-1550	12	20	8.89	6.99



12VDC High Output Camera Power Supplies

12VDC, UL listed, CCTV distributed power supply designed with individually fused outputs for powering high output CCTV cameras and accessories. **Specifications:** •Surge protected outputs with individual LED power indication •±10% voltage adjustment for long wire runs •100V~240V operation with appropriate UL or foreign CE power cord •Unique pre-drilled top mounting flange •Power on/off safety switch with LED •5' three conductor US power cord included. 

Order #	Dimensions	Outputs	Total Current	Current/Channel	Reg.	VIP
82-11309	8.0" x 9.5" x 3.75"	4	4A	1A	\$71.39	\$59.99
82-11310	11.25" x 11.25" x 3.75"	9	4A	800mA	108.00	79.99
82-11311	11.25" x 11.25" x 3.75"	16	8A	1.2A	150.00	129.00



MG Ultra Compact AC Adapters

UL and CSA listed AC to DC switching power supply suitable for security cameras and other portable electronic devices. Light weight, compact and efficient switch mode design incorporates highly regulated output within ±0.25V of rated output, even with no load. Input: 100V~240V 50~60Hz. Output: 12VDC. 5' output cord with 5.5mm x 2.1mm center positive coaxial DC power plug. 

Fig.	Order #	Output	Reg.	VIP
A	82-11320	500mA	\$7.59	\$4.99
B	82-11321	1.0A	13.29	9.99
C	82-11322	1.5A	16.39	12.99

Wireless Transmitters

Allows user or installer to have remote access to a remote system to arm/disarm, open a door or any other desired function. Available in one or two channel. Optional extended range antennas connect to the receiver and boost reception to 1600' with #82-8510. Power is supplied by the receiver. Extended range antennas include 9' of cable and mounting tape. 

Order #	System	Reg.	VIP
82-2590	1 channel transmitter	\$20.90	\$15.99
82-2595	1 channel receiver	41.30	35.99
82-2600	2 channel transmitter	31.69	17.99

Order #	System	Reg.	VIP
82-2605	2 channel receiver	\$52.59	\$39.99
82-8510	Dipole antenna	17.39	12.99

Security

Section
12

Don't forget the CCTV wiring accessories needed to complete your installation.

Stellar Labs™

Video Ground Loop Isolator

Specifications: •Insertion loss: <0.5db •Frequency response: 0~3db @ 10MHz •Input/output resistance: 75ohm •Built-in 600VDC transient voltage surge suppression (12V RMS) •No power required (passive). 

Order #	MSRP	Reg.	VIP
82-6131	\$59.95	\$25.49	\$19.99

Video Coax Surge Protectors

Protects valuable CCTV equipment from high voltage surges such as lightning strikes and voltage spikes. **Specifications:** Response time: 100ns. Max surge current: 5,000A. Insertion loss: <0.2dB. Dimensions: 3" x 1" x 1". Note: Ground lead must be connected to earth ground for proper operation and protection. 

Order #	Reg.	VIP
82-8485	\$22.49	\$17.99

ELK 30 Watt Sirens

The ELK-SS30 is a dual tone indoor/outdoor siren, 6-12VDC, 1.1Ah, 120dB. Dimensions: 6" (W) x 8" (H) x 9.5" (D). Mfr. #ELK-SS30. 

Order #	Reg.	VIP
82-3780	\$18.39	\$14.99



ALARM CONTROLS CORPORATION

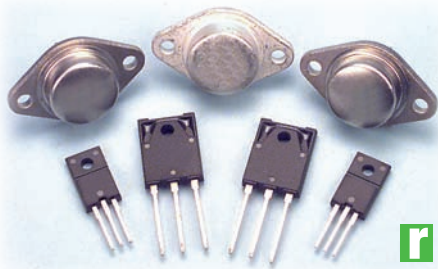
Door Access Control Accessories

Customize your door access control system with these accessories from Alarm Controls Corporation. 

Fig.	Order #	Description	Reg.	VIP
A	82-13320	600 lbs. magnetic door lock	-	\$122.00
B	82-13325	Indoor keypad	-	60.19
C	82-13326	Outdoor keypad	-	152.00
D	82-13330	Door lock audio indicator for #82-13320	-	39.79
D	82-13331	Door lock audio indicator for #82-13321	-	39.79
E	82-13340	Emergency push button	\$122.00	119.00

Semiconductors/Components

Always count on MCM to provide a broad selection of high-quality semiconductors at competitive pricing.



SONY



TOSHIBA



NEC

Below is a small sample of the thousands of popular semiconductors in stock at MCM.

Visit MCMelectronics.com for a complete listing.

Order #	VIP	Order #	VIP	Order #	VIP	Order #	VIP	Order #	VIP	Order #	VIP	Order #	VIP	Order #	VIP
4011	\$0.52	74HCT373	\$0.82	FR107	\$0.82	LA7847	\$2.39	MC14543	\$4.43	STK392-180	\$7.64	STK432-070	\$19.12	TA8210AH	\$4.79
4013	0.59	74LS00	0.29	FR207	0.82	LA7848	3.74	MC1455	1.20	STK392-560	25.29	STK433-130-E	7.57	TA8216	4.58
4017	1.12	74LS02	0.52	FR302	0.67	LA7850	3.82	MC3357	2.17	STK392-560-NO	11.24	STK4392	8.17	TA8218AH	5.47
4027	1.20	74LS04	0.37	FR303	0.82	LA7851	2.32	MC3406SP	13.79	STK392-570-NO	14.24	STK4412	5.02	TA8220H	6.74
4050	0.67	74LS07	2.24	FR306	0.74	LA7876N	6.14	MC7812CT	0.52	STK392-570-NO	14.24	STK442-110	7.94	TA8221H	8.09
4066	0.52	74LS08	0.44	FR307	0.82	LB1641	2.93	MC7815	0.97	STK393-110-NO	18.37	STK442-130	7.49	TA8221L	8.99
7400	1.12	74LS123	0.97	FR607	3.44	LB1650	4.04	MCZ3001D	8.84	STK393-110-NO	18.37	STK465	26.93	TA8225H	5.39
7404	0.97	74LS138	0.74	HA11235	4.79	LC7818	1.79	MIP0253SP	2.62	STK394-210	11.10	STK470-050A	12.67	TA8227P	3.14
7406	0.89	74LS14	0.74	HA11244	9.52	LC7821	5.77	MM3007	4.64	STK394-250	11.10	STK4863	14.09	TA8229K	5.39
7407	1.12	74LS194	0.97	HA11423	2.02	LC7822	3.59	MR2520L	3.22	STK394-510	14.32	STK4913	17.85	TA8233H	7.19
7408	0.74	74LS244	1.13	HA1156	2.09	LF347	1.64	MUR460	0.99	STK394-710	15.14	STK5441	7.49	TA8251AH	7.19
7432	1.79	74LS245	1.28	HA1196	1.64	LF353N	0.82	MX0841	4.34	STK401-040	12.53	STK730-010	7.95	TA8259H	6.07
7493	1.64	74LS32	0.67	HA13164A	7.19	LF356N	2.62	MX0842B	4.34	STK401-130	14.92	STK730-020	7.19	TA8263BH	8.24
7805	0.74	74LS374	1.42	HA13408	3.22	LM1203	9.44	N-79K1827	0.48	STK401-140	23.09	STK730-030	11.70	TA8273H	8.24
7806	1.50	74LS47	1.49	HER207	0.59	LM1205N	10.34	N-92F296	6.79	STK402-040	6.52	STK730-040	7.64	TA8427K	2.24
7808	0.98	74LS74	0.59	HER307	0.74	LM13600	3.44	N-92F298	5.11	STK402-050	7.19	STK730-090	11.92	TA8429H	7.13
7809	1.34	74LS76	0.89	HER308	1.49	LM1875T	2.84	NE5532P	1.12	STK402-070	8.24	STK730-130	14.32	TA8851CN	7.42
7810	4.64	74LS90	1.42	HER508	2.02	LM1876T	5.24	NE5534	1.94	STK402-070S	8.24	STK730-150	10.94	TB1253AN	6.37
7812	1.93	78L05	0.98	IRF234	2.54	LM1877	4.12	NE5534N	2.39	STK402-090	11.17	STK73410H	7.64	TC4013	1.67
7815	0.98	78L08	1.73	KA2S0880	3.74	LM2407T	4.12	NE555	0.75	STK402-100	7.87	STK795-820	42.37	TC4049BP	0.29
7818	0.98	78L12	0.52	KA3842	1.57	LM2876	4.79	NE556	1.19	STK402-100S	13.42	STR30123Z	4.27	TC4052	1.49
7824	0.98	79L15	1.65	KIA7217	1.29	LM2901	1.64	NE567N	3.59	STK402-120	9.82	STR30130S	2.47	TC9163N	4.87
7905	0.75	93C46N	2.12	L297	5.40	LM2917	1.94	NJM2068	3.22	STK402-240	6.68	STR30130Z	2.17	TC9164	4.94
7912	1.12	AN17805A	2.85	L6203	4.49	LM301	2.39	NJM2068DD	0.74	STK402-950	18.29	STR3035	5.99	TC9164AF	4.19
7915	0.99	AN5163K	6.82	L7815CV	1.27	LM308	3.97	NJM4556D	1.49	STK403-070	10.34	STR3123	4.34	TD62003	1.12
7918	1.79	AN5277	2.24	LA1265	1.13	LM308N	6.37	NJM4558D	0.44	STK403-090	4.79	STR3130	2.54	TD62107PG	4.43
1N34A	1.61	AN5515	2.69	LA1266	3.29	LM309	5.69	NJM4559D	2.85	STK403-130	11.24	STR53041Z	4.94	TDA1060	9.67
1N4001F	0.07	AN5521	1.87	LA42032	2.85	LM311H	3.22	NJM4560D	0.74	STK403B1H	8.84	STR58041Z	7.95	TDA1170N	2.54
1N4002F	0.07	AN5522	3.22	LA42052	1.43	LM311N	0.97	NJM4560L	1.79	STK403B1H	8.47	STR81145Z	7.64	TDA1170S	1.04
1N4004F	0.07	AN5539	1.87	LA42205	4.05	LM317	2.09	NJM4580L	0.89	STK404-050	6.59	STRF6426	4.19	TDA1175P	3.44
1N4005F	0.07	AN7511	2.39	LA4261	1.12	LM323K	4.49	NJM5532D	1.12	STK404-070	7.19	STRF6514	7.19	TDA1180	3.44
1N4007F	0.07	AN7522	5.02	LA4270	3.14	LM324N	0.44	PAC011A	37.42	STK4040H	11.54	STRF6516	8.77	TDA1514	10.19
1N4148	0.07	AN7591	5.33	LA4278	3.14	LM334Z	2.09	PAL005A	23.92	STK404-130	7.12	STRF6626	6.82	TDA1515	2.69
1N4733A	0.29	AN7805	0.67	LA4282	2.99	LM337	1.12	PAL006A	8.24	STK404-130S	6.89	STRF6628	6.97	TDA1519A	6.07
1N4734A	0.29	AN7808	1.34	LA4425	2.39	LM338K	11.24	PAL007A	13.87	STK404-140	12.74	STRF6629B	10.34	TDA1524A	4.49
1N4735A	0.29	AN7809	1.34	LA4446	2.99	LM339N	0.67	PAL007B	17.47	STK404B1H	15.08	STRF6656	6.14	TDA1552	3.89
1N4739A	0.29	AN7809F	6.67	LA4450	3.67	LM340KC-5	4.94	PBU805	2.62	STK404B1H	15.67	STRG6624	4.79	TDA1554Q	8.17
1N4742A	0.29	AN7810	2.85	LA4485	1.57	LM340T12	1.50	PC817	0.59	STK404B1H	10.87	STRG6653	3.67	TDA1557Q	2.39
1N4743A	0.14	AN7812	0.74	LA4597	0.98	LM340T15	0.89	PS2501-1	0.37	STK4050V	17.39	STRG9656	12.74	TDA1558Q	8.54
1N4744A	0.29	AN7815	1.27	LA4663N	5.24	LM340T5	1.12	R2000F	1.72	STK407-070	17.17	STRM6511	8.47	TDA1560Q	7.94
1N4745A	0.29	BA1404	2.66	LA4705	2.69	LM348	2.24	RC4558	0.68	STK407-120	12.74	STRM6515	8.09	TDA1562Q	11.10
1N4746A	0.29	BA312	1.79	LA4708	3.29	LM350T	6.89	RL207	0.52	STK408-040E	12.74	STRM6811A	7.42	TDA1576	2.47
1N4751A	0.29	BA3812	1.12	LA4742	14.32	LM358	0.37	RSN3305-P	42.82	STK410-030	25.72	STRS5141G	7.95	TDA1675	4.79
1N4753A	0.29	BA4558	0.44	LA4743B	7.19	LM386	1.09	S2000AF	3.74	STK411-230	15.97	STRS5241G	8.77	TDA1771	2.24
1N4937G	0.22	BA4558N	0.44	LA47515	8.84	LM3876TF	12.53	S2055AF	3.82	STK412-020	15.89	STRS5703	4.99	TDA1905	2.77
1N5349A	1.27	BA4560	0.29	LA5774	6.89	LM3886TF	7.49	SE135N	4.19	STK412-150C-E	13.49	STRS6301	6.82	TDA2002	1.72
1N5353	0.67	BA4560N	0.39	LA6500	3.97	LM3900N	1.20	SE140N	1.04	STK412-170	20.48	STRS6301A	7.95	TDA2003	1.34
1N5406	0.14	BA527	0.82	LA6510	0.67	LM3914	4.42	SF20JC10	1.35	STK412-230	20.69	STRS6501	11.77	TDA2006	3.29
1N5408	0.14	BA5417	1.19	LA6520	1.34	LM3915	3.82	SF56	2.17	STK412-240	11.92	STRS6707	11.93	TDA2009	4.27
1N5711	0.82	BA5979S	1.87	LA76070	9.39	LM393N	0.67	SG3524N	0.44	STK41221I	4.19	STRS6709	5.77	TDA2030	1.34
1N5819	0.37	BA6209	0.74	LA7610	3.74	LM4765T	8.47	SI-18751	6.29	STK412-410	13.49	STRW6756	4.79	TDA2030A	1.87
1N5822	0.82	BA6218	1.19	LA7612	7.19	LM4862N	5.77	SI-18752	3.59	STK412-420	15.89	STRZ2151	10.57	TDA2040	3.59
1N60	0.29	BA6392FP	2.03	LA76170	6.29	LM555CN	0.59	SR506	0.89	STK412-430	16.72	STRZ4117	17.54	TDA2050	5.84
1N914	0.07	BTA16-600B	3.44	LA7672	8.92	LM7001	3.99	STK0050	10.34	STK413-020A	19.57	STRZ4214	11.17	TDA2052	5.24
1SS133	0.29	BTA41-600B	7.27	LA7673	11.69	LM741CN	0.74	STK0080SQ	15.97	STK413-430	12.74	STRZ4479	4.49	TDA2595	5.47
2.5A 1KV	0.07	BY329-1200	2.62	LA76818A	4.72	LM7805CT	1.87	STK1050	23.02	STK414-1010	10.12	STV8172A	2.32	TDA2616	2.54
2SC5071	1.72	BYT56M	1.19	LA78040	1.57	LM833	2.39	STK2250	18.89	STK4151V	14.54	STV9379	3.97	TDA4605	6.59
2SK2682	4.49	BYV26D	1.87	LA78041	4.20	M51387P	12.07	STK3042IHI	7.27	STK416-130	21.98	TA1222BN	7.42	TDA4605-3	1.64
2SK3160	3.74	BYV96E	0.82	LA78045	1.47	M51977P	3.52	STK3102IHI	10.34	STK41621I	11.47	TA1242N	9.22	TDA4851	3.74
2SK3935	3.61	BYW95C	2.84	LA7831	4.74	M51995P	4.35	STK31521I	11.10	STK4191V	18.30	TA1252AN	15.97	TDA4856	3.74
40106B	1.19	BYW96E	1.42	LA7832	1.87	M5218	0.35	STK3500-030	10.34	STK41921I	13.87	TA1268N	5.99	TDA4858	4.94
6A05	0.37	BYW98-200	1.28	LA7833	3.14	M5218AL	1.94	STK350-230	5.24	STK4221I	16.72	TA1276AN	7.19	TDA4861	1.94
6A1	0.46	CA3046	1.42	LA7835	3.22	M52300BSP	8.99	STK391-020	11.24	STK4231H	12.49	TA1310N	8.32	TDA4866	1.04
6A10	0.69	CA3080	8.77	LA7836	2.39	M5230L	0.89	STK391-020-NO	14.29	STK4231V	20.47	TA1316AN	16.42	TDA6107JF	2.15
6A2	0.44	CA3096	8.24	LA7837	1.95	M54646AP	3.52	STK392-010	10.04	STK4274	6.51	TA7205	1.87	TDA6108JF	4.42
6A4	0.44	CA3130E	1.64	LA7838	1.58	M61516FP	15.08	STK392-020	12.59	STK4277	15.08	TA7222	1.42		

NTE Semiconductors

The NTE Semiconductor product line encompasses a wide variety of high-quality devices, which meet Industrial, MRO and Consumer Electronics replacement needs. Upgrading with NTE semiconductors can reduce the frequency of repair and minimize replacement parts inventory. 

Order #	Reg.	VIP	Order #	Reg.	VIP
NTE102A	\$6.79	\$4.55	NTE2668	\$1.79	\$1.64
NTE105	32.89	22.32	NTE280	6.69	5.77
NTE121	21.19	16.70	NTE284	16.99	11.46
NTE123AP	1.39	0.67	NTE285	17.29	12.32
NTE126	9.69	7.76	NTE291	3.59	2.97
NTE130	4.39	3.75	NTE2973	9.49	8.13
NTE152	2.49	2.03	NTE2987	4.69	3.19
NTE159	1.79	0.91	NTE36	6.69	4.78
NTE180	10.60	9.13	NTE37	6.69	4.76
NTE181	8.39	5.81	NTE379	10.60	7.68
NTE2302	8.39	5.64	NTE388	15.90	10.12
NTE2324	10.09	8.94	NTE5340	11.69	7.93
NTE2328	11.69	7.39	NTE5342	13.79	9.89
NTE2329	9.59	6.41	NTE5344	16.99	11.45
NTE2331	10.19	6.84	NTE54	3.79	2.56
NTE2353	9.39	7.56	NTE55	4.89	4.19
NTE2354	15.90	10.16	NTE552	1.59	0.99
NTE2365	21.69	18.44	NTE5629	2.79	1.87
NTE2376	12.79	10.98	NTE5645	4.39	3.74
NTE2382	4.89	4.07	NTE5679	29.69	20.13
NTE2385	7.39	6.49	NTE577	4.39	2.81
NTE2387	13.79	11.20	NTE580	3.49	2.36
NTE2394	17.29	12.05	NTE68	11.69	10.30
NTE2395	6.79	4.86	NTE7208	38.29	29.65
NTE2396	6.89	4.98	NTE85	1.09	0.89
NTE2501	2.29	1.93	NTE92	11.69	9.92
NTE251	8.90	7.89	NTE93	15.90	10.75
NTE252	9.59	8.43	NTE941	12.79	11.59
NTE2533	35.00	30.24	NTE960	3.79	3.19
			NTE966	3.99	3.35



Package NTE Semiconductors

WOW! Don't miss these great savings. Purchase popular NTE semiconductors in packages.

Order #	Qty.	Reg.	VIP
NTE116-10	10	\$3.99	\$2.55
NTE123AP-5	5	2.99	2.55
NTE123AP-10	10	4.69	3.95
NTE125-10	10	7.49	3.47
NTE125-100	100	32.89	27.91
NTE156-10	10	9.79	5.27
NTE159-10	10	14.89	6.35
NTE159-10	10	7.59	2.64

Dip IC Sockets



Order #	Pins	Reg.	VIP
28-233	8	\$0.39	\$0.24
28-235	14	0.39	0.25
28-238	16	0.29	0.23
28-239	18	0.50	0.46
28-240	20	0.30	0.25
28-244	24	0.49	0.39
28-245	28	0.49	0.38

Semiconductors/Components

For NTE's complete line of semiconductors and components, visit www.MCMelectronics.com



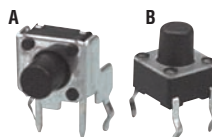
Semiconductor Technical Guide and Cross Reference

The 14th edition of this technical guide and cross reference is designed to give engineers, technicians and buyers assistance in selecting the NTE component best suited to their application. **This new edition includes:** •Over 4,700 NTE devices, cross-referenced to over 384,000 industry part numbers •Expanded optoelectronic section •New power MOSFETS •22 new linear integrated circuits •14 new bi-polar transistors •New pink, purple and ultraviolet LEDs

Order #	VIP
EL01-014	\$4.39

Replacement Tact Switches

•MCM stocks a selection of popular tact switches in horizontal and vertical packages •Switches are commonly found in televisions, VCRs, monitors, cordless phones etc. •Each package is also available in different shaft lengths **Specifications:** •12VDC, 50mA •SPST momentary push switch, click type



Order #	Shaft Length	Reg.	VIP
A Horizontal			
28-10715	0.6mm	\$0.29	\$0.16
28-10720	1.3mm	0.29	0.16
28-10725	3.6mm	0.29	0.16
28-10730	5.8mm	0.29	0.16
B Vertical			
28-10735	0.8mm	0.20	0.14
28-10740	1.5mm	0.19	0.14
28-10745	3.5mm	0.20	0.14
28-10750	6.0mm	0.20	0.14

6 Amp General Purpose Diodes

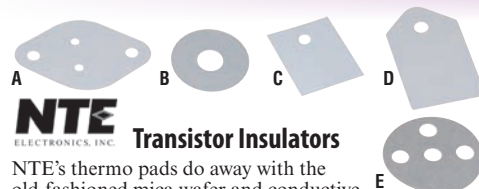
•Commonly used in stereo amplifier power supplies

Order #	Voltage	Reg.	VIP
6A1	100V	\$0.49	\$0.46
6A10	1000V	0.79	0.69

2.5 Amp General Purpose Diode

•1000V •Replaces ECG* 125

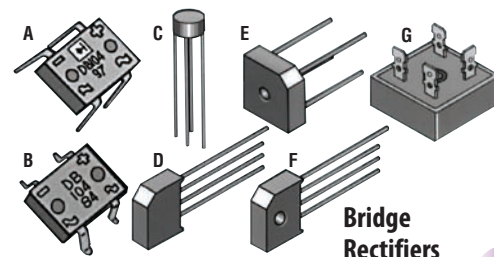
Order #	Reg.	VIP
2.5A 1KV	\$0.09	\$0.07



Transistor Insulators

NTE's thermo pads do away with the old-fashioned mica wafer and conductive grease method of mounting power semiconductors. These thermally conductive insulators offer low heat transfer resistance while still providing high electrical isolation between the parts of the assembly. **Specifications:** •Silicon/fiberglass construction •0.009" thickness •Five per package •Visit mcmelectronics.com for complete specifications, dimensions and cross reference

Fig.	Order #	Type	Reg.	VIP
A	TP0001	TO-3	\$1.69	\$1.59
A	TP0002	TO-66	1.49	1.38
B	TP0003	DO-4	1.09	0.93
C	TP0004	TO-126	0.89	0.80
D	TP0005	TO-218	1.89	1.61
C	TP0006	TO-220	1.29	1.15
B	TP0007	DO-5	1.49	1.35
D	TP0008	TO-3P	1.59	1.47
E	TP0009	TO-36	1.59	1.47
C	TP0010	TO-3PML	2.19	1.99



Bridge Rectifiers

•UL recognized •400V •#28-1270 is a surface mount version

Order #	Fig.	Current (A)	Reg.	VIP
28-1320	A	1.0	\$1.09	\$0.94
28-1270	B	1.0	1.09	0.93
28-1325	C	1.5	1.09	0.93
28-1330	C	2.0	0.99	0.78
28-1335	D	2.0	1.79	1.64
28-1340	E	3.0	1.39	1.23
28-1345	D	4.0	1.69	1.56
28-1350	E	6.0	2.19	1.94
28-1275	F	6.0	2.49	2.33
28-1355	E	8.0	2.69	2.50
28-1360	E	10.0	3.49	3.27
28-1370	G	25.0	5.59	5.19
28-1375	G	35.0	6.39	5.99



National Semiconductor Audio Power Amplifiers

Order #	Mfr. #	Supply Description	S/N Ratio Voltage (dB)	Package/Pins	Reg.	VIP	
N-92F291	LM384N	5W, 1 Channel	26	-	14-MDIP	\$1.49	\$1.39
N-92F268	LM1875T	20W, 1 Channel	25	-	5-TO-220	2.09	1.99
N-92F270	LM1877M-9	Dual, 2 Channel	14	-	14-SOIC Wide	1.59	0.99
N-92F296	LM3876T	56W with Mute, 1 Channel	8	98	11-TO-220	8.49	6.79
N-92F298	LM3886T	68W with Mute, 1 Channel	84	92	11-TO-220	6.39	5.11
N-92F951	LM4755T	Stereo 11W Audio Power Amplifier	20	-	9-TO-220	2.50	1.49
N-92F312	LM4880M	Dual 200mW with Shutdown, 2 Channel	5	-	16-SOIC NARROW	1.49	0.99



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Radial Snap-In High Temperature 105°C Low ESR Electrolytic Capacitors

• Featuring extended range of values and long life
• Ideal for power supply use • Tolerance $\pm 20\%$

Order #	μF	Reg.	VIP	Order #	μF	Reg.	VIP
50 Volts				250 Volts			
31-9100	2200	\$4.29	\$3.47	31-9310	390	\$5.59	\$4.80
31-9110	3300	4.30	3.69	31-9315	470	6.79	5.81
31-9115	3900	4.99	4.25	31-9320	560	7.69	6.60
31-9120	4700	5.89	5.04	31-9325	680	8.59	7.32
31-9125	5600	6.39	5.44	31-9330	820	9.59	8.20
31-9130	6800	7.49	6.31	31-9335	1000	8.69	7.41
31-9135	8200	7.59	6.51	31-9340	1200	16.40	14.11
31-9140	10000	9.09	7.83	400 Volts			
31-9145	12000	11.39	9.73	31-9345	68	4.09	3.47
31-9150	15000	12.79	10.99	31-9350	82	4.30	3.69
31-9155	18000	16.99	14.94	31-9355	100	4.69	3.98
31-9160	22000	20.19	17.11	31-9360	120	5.29	4.56
80 Volts				31-9365	150	5.89	5.05
31-9165	4700	10.39	8.93	31-9370	180	6.10	5.24
31-9170	5600	11.49	9.88	31-9375	220	6.99	5.97
31-9175	6800	13.79	11.84	31-9380	270	7.89	6.75
31-9180	8200	20.19	17.26	31-9385	330	9.09	7.77
31-9185	10000	21.79	18.75	31-9395	470	11.79	10.09
100 Volts				31-9400	560	16.79	14.42
31-9190	1000	4.99	4.28	450 Volts			
31-9195	1500	6.89	5.86	31-9405	47	4.39	3.71
31-9200	2200	9.00	7.75	31-9410	68	4.49	3.82
31-9205	3300	11.79	10.09	31-9415	82	4.69	4.01
31-9210	4700	16.19	13.51	31-9420	100	5.59	4.75
200 Volts				31-9425	120	6.69	5.71
31-9215	150	3.59	3.08	31-9430	150	7.79	6.65
31-9220	220	3.99	3.40	31-9435	180	8.89	7.11
31-9225	270	3.89	3.34	31-9440	220	10.99	9.41
31-9230	330	4.29	3.55	31-9450	330	15.29	13.09
31-9235	390	4.69	4.03	31-9460	470	20.39	17.54
31-9240	470	5.09	4.34	500 Volts			
31-9245	560	5.49	4.67	31-9465	47	4.49	3.82
31-9250	680	6.49	5.55	31-9470	68	6.19	5.28
31-9255	820	7.29	6.23	31-9475	82	6.89	5.89
31-9260	1000	8.19	7.00	31-9485	120	9.39	8.08
31-9265	1500	10.69	9.20	31-9490	150	11.19	9.57
31-9270	2200	15.69	13.48	31-9500	220	13.60	11.70
250 Volts				31-9505	270	17.09	14.67
31-9275	100	3.70	3.19				
31-9280	120	3.89	3.35				
31-9285	150	4.09	3.46				
31-9295	220	3.89	3.34				
31-9300	270	4.39	3.77				
31-9305	330	5.09	4.33				



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1/2 Watt Flameproof Resistors

• 5% tolerance • 20 per bag • Metal oxide

37-22	37-10	37-270	37-3.3K
37-33	37-12	37-330	37-3.9K
37-47	37-22	37-470	37-4.7K
37-68	37-27	37-680	37-6.8K
37-1	37-33	37-820	37-10K
37-1.5	37-47	37-1K	37-47K
37-2.2	37-82	37-1.2K	37-56K
37-3.9	37-100	37-2K	37-100K
37-4.7	37-120	37-2.2K	37-120K
37-5.1	37-150	37-2.7K	
37-6.8	37-220	37-3K	

Reg.

\$2.59

VIP

\$0.65

1 Watt Flameproof Resistors

• 5% tolerance except for 67-1.0M which has a 10% tolerance • Ten per bag

67-68	67-4.7	67-33	67-470	67-39K
67-1.5	67-5.1	67-47	67-820	67-47K
67-2.2	67-5.6	67-120	67-1K	
67-2.7	67-15	67-270	67-3.9K	
67-3.3	67-27	67-330	67-8.2K	

Reg.

\$1.09

VIP

\$0.54



High Temperature 105°C Radial Electrolytic Capacitors

• Miniature, same size or smaller than standard temperature radial electrolytics • These high temperature capacitors are suitable for many consumer and industrial applications • All capacitors are supplied by quality manufacturers: Nichicon, United Chemicon and Panasonic

Order #	μF	Reg.	VIP	Order #	μF	Reg.	VIP	Order #	μF	Reg.	VIP	Order #	μF	Reg.	VIP
6.3 Volts				25 Volts				50 Volts				200 Volts			
31-6720	22	\$0.99	\$0.63	31-7070	47	\$0.69	\$0.46	31-7385	2200	\$7.69	\$4.98	31-7735	4.7	\$1.49	\$0.97
31-6725	33	0.99	0.62	31-7075	68	1.19	0.78	31-7390	3300	6.69	4.99	31-7740	6.8	1.69	0.72
31-6730	47	0.99	0.63	31-7080	100	0.89	0.54	31-7395	4700	8.99	6.73	31-7745	10	1.79	1.15
31-6740	100	0.69	0.46	31-7090	220	1.09	0.65	31-7400	6.8	1.19	0.71	31-7750	15	1.79	0.99
31-6750	220	0.70	0.48	31-7095	330	1.09	0.71	31-7405	10	0.69	0.46	31-7755	22	1.89	1.14
31-6755	330	0.79	0.51	31-7100	470	1.39	0.89	31-7410	15	1.09	0.75	31-7760	33	2.40	1.49
31-6760	470	0.89	0.54	31-7105	680	2.19	1.34	31-7415	22	0.79	0.53	31-7765	47	2.80	1.76
31-6765	680	1.49	0.97	31-7110	1000	1.89	1.20	31-7420	33	0.89	0.54	31-7775	100	3.79	2.46
31-6770	1000	1.19	0.80	31-7115	1500	2.49	1.66	31-7425	47	0.99	0.59	31-7780	150	4.89	3.42
31-6775	1500	1.49	0.95	31-7120	2200	2.69	1.76	31-7430	68	1.49	0.95	31-7785	220	6.09	4.46
31-6780	2200	1.69	1.07	31-7125	3300	3.99	2.60	31-7435	100	1.19	0.74	31-7790	330	7.19	5.32
31-6785	3300	2.19	1.38	31-7130	4700	4.79	3.50	31-7445	220	1.39	0.86	31-7795	470	8.49	5.52
31-6790	4700	1.89	1.23	31-7135	6800	6.39	4.76	31-7450	330	1.59	0.99	250 Volts			
31-6795	6800	2.70	1.95	31-7140	10000	8.79	6.57	31-7455	470	2.19	1.28	31-7800	47	1.09	0.75
31-6800	10000	3.50	2.57	35 Volts				31-7460	680	2.69	1.77	31-7815	1	0.89	0.57
31-6815	33000	7.99	5.79	31-7145	2.2	0.99	0.63	31-7465	1000	3.39	2.46	31-7825	2.2	1.09	0.65
10 Volts				31-7150	3.3	0.99	0.79	31-7470	1500	5.29	3.72	31-7830	3.3	1.09	0.71
31-6820	10	0.89	0.57	31-7155	4.7	0.99	0.63	31-7475	2200	6.29	4.67	31-7835	4.7	1.19	0.78
31-6830	22	0.99	0.63	31-7160	6.8	1.09	0.67	31-7480	3300	7.89	5.89	31-7845	10	1.39	0.86
31-6840	47	0.99	0.63	31-7165	10	1.09	0.71	31-7485	4700	8.99	6.76	31-7850	15	1.79	1.43
31-6850	100	0.70	0.49	31-7170	15	1.09	0.73	100 Volts				31-7855	22	1.69	1.05
31-6855	150	1.19	0.95	31-7175	22	1.19	0.80	31-7490	47	0.59	0.41	31-7860	33	2.19	1.35
31-6860	220	0.70	0.47	31-7180	33	0.70	0.47	31-7505	1	0.59	0.41	31-7865	47	2.69	1.66
31-6865	330	0.89	0.54	31-7185	47	0.89	0.54	31-7510	1.5	0.99	0.63	31-7870	68	3.99	2.84
31-6870	470	0.99	0.61	31-7190	68	1.39	0.88	31-7515	2.2	0.69	0.46	31-7875	100	4.49	3.26
31-6875	680	1.79	1.13	31-7195	100	1.09	0.66	31-7520	3.3	0.70	0.49	31-7880	150	6.19	4.52
31-6880	1000	1.29	0.80	31-7200	150	1.59	1.01	31-7525	4.7	0.70	0.47	31-7885	220	7.19	5.32
31-6885	1500	2.19	1.33	31-7205	220	1.09	0.71	31-7530	6.8	1.19	0.77	31-7890	330	8.09	5.99
31-6890	2200	1.69	1.05	31-7210	330	1.19	0.74	31-7535	10	0.89	0.54	350 Volts			
31-6895	3300	2.59	1.69	31-7215	470	1.59	1.02	31-7540	15	1.40	0.93	31-7895	47	1.59	1.01
31-6900	4700	2.59	1.76	31-7220	680	1.89	1.18	31-7545	22	1.09	0.65	31-7910	1	1.69	1.05
31-6905	6800	3.59	2.50	31-7225	1000	2.19	1.37	31-7550	33	1.19	0.72	31-7920	2.2	2.19	1.33
16 Volts				31-7230	1500	3.39	2.19	31-7555	47	1.29	0.75	31-7930	4.7	2.39	1.46
31-6925	4.7	0.99	0.63	31-7235	2200	3.49	2.63	31-7560	68	1.89	1.19	31-7940	10	2.59	1.62
31-6930	6.8	0.99	0.63	31-7240	3300	6.09	3.96	31-7565	100	1.69	1.05	31-7950	22	2.69	1.69
31-6935	10	0.99	0.63	31-7245	4700	6.19	4.59	31-7575	220	2.99	2.24	31-7955	33	2.49	1.71
31-6940	15	0.99	0.63	31-7250	6800	9.69	6.27	31-7580	330	3.79	2.73	31-7960	47	2.80	1.92
31-6945	22	0.99	0.63	50 Volts				31-7585	470	4.69	3.39	31-7965	68	6.00	4.26
31-6950	33	0.99	0.63	31-7255	1	0.59	0.41	31-7590	680	6.49	4.91	31-7970	100	7.79	5.77
31-6955	47	0.69	0.46	31-7260	22	0.69	0.46	31-7595	1000	7.19	5.75	31-7980	220	10.99	7.93
31-6960	68	1.00	0.67	31-7265	33	0.69	0.46	160 Volts				400 Volts			
31-6965	100	0.70	0.49	31-7270	47	0.69	0.46	31-7615	1	0.89	0.57	31-8000	1	1.79	1.11
31-6970	150	1.19	0.77	31-7275	56	0.99	0.62	31-7625	2.2	0.89	0.57	31-8020	4.7	2.69	1.61
31-6975	220	0.89	0.54	31-7280	68	0.99	0.62	31-7630	3.3	0.99	0.61	31-8030	10	3.29	2.19
31-6980	330	0.99	0.61	31-7285	1	0.69	0.46	31-7635	4.7	1.09	0.71	31-8040	22	4.89	3.52
31-6985	470	1.09	0.66	31-7290	1.5	0.99	0.63	31-7645	10	1.29	0.82	31-8045	33	5.69	4.55
31-6990	680	1.69	1.02	31-7295	2.2	0.69	0.46	31-7650	15	1.59	1.27	31-8050	47	7.19	5.16
31-6995	1000	1.49	0.95	31-7300	3.3	0.69	0.46	31-7655	22	1.49	0.91	31-8055	68	8.19	6.08
31-7000	1500	2.29	1.38	31-7305	4.7	0.69	0.48	31-7660	33	1.79	1.11	31-8060	100	9.60	7.20
31-7005	2200	1.99	1.28	31-7315	10	0.79	0.55	31-7665	47	2.29	1.38	31-8065	150	11.49	8.57
31-7010	3300	2.80	1.83	31-7320	15	1.19	0.80	200 Volts				450 Volts			
31-7015	4700	3.09	2.30	31-7325	22	0.79	0.47	31-7700	47	1.09	0.67	31-8070	47	1.79	1.15
31-7020	6800	4.30	3.26	31-7330	33	0.89	0.54	31-7715	1	1.19	0.80	31-8085	1	1.39	0.86
31-7025	10000	5.89	4.36	31-7335	47	1.09	0.65	31-7725	2.2	1.29	0.85	31-8135	47	8.59	6.41
25 Volts				31-7340	68	1.49	1.19	31-7730	3.3	1.39	0.86	31-8140	68	10.89	7.87
31-7035	3.3	0.99	0.63	31-7345	100	1.19	0.77					31-8145	100	12.99	8.99
31-7040	4.7	0.99	0.63	31-7355	220	1.39	0.87								
31-7045	6.8	0.99	0.62	31-7360	330	1.40	0.88								
31-7050	10	0.99	0.63	31-7365	470	2.19	1.26								
31-7055	15	1.09	0.71	31-7370	680	2.49	1.67								
31-7060	22	1.09	0.71	31-7375	1000	4.09	2.64								
31-7065	33	1.09	0.74	31-7380	1500	5.29	3.84								

Conductive Polymer Aluminum Solid Electrolytic Capacitors

•Ultra low ESR, high ripple current •Surface mount •Low impedance, high frequency, anti-solvent feature •Tolerance: $\pm 20\%$ •Operating temperature: $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$ •Load life of 2000 hours at 105°C •Visit MCMElectronics.com for dimensions and complete specifications

Order #	μF	Reg.	VIP
2.5V			
31-10535	100	\$1.49	\$1.43
31-10605	220	1.49	1.43
31-10650	470	1.99	1.93
31-10685	820	1.99	1.90
31-10705	1500	2.39	2.28
4V			
31-10540	100	1.49	1.37
31-10575	150	1.49	1.43
31-10610	220	1.59	1.54
31-10630	330	1.59	1.54
31-10655	470	1.80	1.75
31-10675	680	1.90	1.86
31-10690	820	2.09	1.96
31-10700	1200	2.59	2.49
6.3V			
31-10430	22	1.49	1.27
31-10475	47	1.49	1.37
31-10520	82	1.49	1.43
31-10545	100	1.49	1.43
31-10560	120	1.49	1.43
31-10580	150	1.59	1.48
31-10615	220	1.59	1.54
31-10635	330	1.80	1.75
31-10660	470	1.99	1.90

Conductive Polymer Aluminum Solid Electrolytic Capacitors

•Ultra low ESR, high ripple current •Radial lead •Low impedance, high frequency, anti-solvent feature •Tolerance: $\pm 20\%$ •Operating temperature: $-55^{\circ}\text{C} \sim +105^{\circ}\text{C}$ •Load life of 2000 hours at 105°C •Visit www.mcmelectronics.com for dimensions and complete specifications

Order #	μF	Reg.	VIP
2.5V			
31-10840	390	\$1.39	\$1.33
31-10865	560	1.39	1.33
31-10880	680	1.49	1.37
31-10900	820	1.49	1.37
31-10910	1000	1.59	1.54
31-10920	1200	2.09	1.96
31-10930	1500	2.19	2.11
4V			
31-10815	270	1.39	1.33
31-10845	390	1.39	1.33
31-10870	560	1.49	1.37
31-10885	680	1.49	1.37
31-10905	820	1.59	1.48
31-10915	1000	2.09	1.96
31-10925	1200	2.29	2.17
6.3V			
31-10810	220	1.49	1.37
31-10830	330	1.59	1.54

Panasonic

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The capacitor choice.

Radial Metalized Polyester Film Capacitors (Mylar)

•Tolerance: $\pm 10\%$

Order #	μF	Reg.	VIP
A. 100 Volts			
31-700	.001	\$0.29	\$0.22
31-710	.0015	0.29	0.22
31-720	.0022	0.29	0.22
31-730	.0033	0.39	0.30
31-740	.0047	0.49	0.37
31-750	.0056	0.49	0.47
31-760	.0082	0.59	0.55
31-770	.01	0.49	0.44
31-780	.015	0.59	0.55
31-790	.022	0.49	0.44
31-800	.027	0.59	0.58
31-810	.033	0.49	0.44
31-820	.047	0.59	0.55
31-830	.056	0.59	0.58
31-840	.068	0.49	0.44
31-850	.1	0.59	0.55
31-860	.15	0.49	0.48
31-870	.22	0.69	0.65
31-880	.33	0.69	0.68
31-890	.47	1.19	1.09
31-8725	.68	1.69	1.60

Order #	μF	Reg.	VIP
A. 100 Volts			
31-8735	1	\$3.29	\$3.20
31-8745	2.2	4.79	4.67
31-8760	4.7	8.39	8.19
B. 250 Volts			
31-8765	.01	0.99	0.90
31-8770	.015	1.09	0.99
31-8775	.022	1.09	0.99
31-8785	.033	1.19	1.09
31-8790	.047	1.19	1.09
31-8795	.056	1.19	1.09
31-8800	.068	1.19	1.09
31-8810	.1	1.19	1.09
31-8815	.15	1.19	1.12
31-8820	.22	1.29	1.20
31-8825	.33	1.39	1.32
31-8830	.47	0.49	0.47
31-8835	.56	1.69	1.63
31-8840	.68	2.19	2.15
31-8850	1	0.99	0.90
31-8855	1.5	5.99	5.72
31-8865	2.2	6.89	6.69
31-8860	2.7	7.10	6.88

Order #	μF	Reg.	VIP
B. 400 Volts			
31-8865	3.3	\$9.19	\$9.00
31-8870	.01	1.19	1.09
31-8875	.015	1.19	1.12
31-8880	.022	1.29	1.20
31-8885	.027	1.39	1.32
31-8890	.033	1.39	1.32
31-8895	.047	1.49	1.39
31-8900	.056	1.49	1.39
31-8905	.068	1.49	1.42
31-8915	.1	1.59	1.53
31-8925	.22	1.69	1.63
31-8930	.33	2.19	2.00
31-8935	.47	2.49	2.38
31-8940	.56	2.89	2.82
31-8945	.68	3.29	3.20
31-8950	.82	4.29	4.18
31-8955	1	5.69	5.54
31-8960	1.5	6.99	6.81
31-8965	2.2	8.19	8.01
B. 630 Volts			
31-8970	.001	0.79	0.71
31-8975	.0015	0.79	0.71

Semiconductors/Components

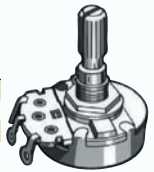
See the latest in conductive polymer capacitors at MCM



Watt Potentiometers

•Linear taper •Shaft dimensions: 1" (L) x $\frac{1}{2}$ " (dia)

Order #	ohm	Order #	ohm	Order #	ohm
28-0675	1K	28-0683	20K	28-0690	250K
28-0678	5K	28-0685	50K	28-0693	500K
28-0680	10K	28-0688	100K	28-0695	1M
Reg.			VIP		
\$1.29			\$0.99		



Watt Audio Taper Potentiometers

•Shaft dimensions: 1" (L) x $\frac{1}{2}$ " (dia)

Order #	ohm	Order #	ohm	Order #	ohm
28-10810	1K	28-10825	20K	28-10840	250K
28-10815	5K	28-10830	50K	28-10845	500K
28-10820	10K	28-10835	100K	28-10850	1M
Reg.			VIP		
\$1.29			\$0.99		



NTE 3 Watt Precision Wirewound Potentiometer

•10 turn $\frac{1}{4}$ " round case •Shaft dimensions: $\frac{7}{8}$ " (L) x $\frac{1}{4}$ " (dia) •Stainless steel shaft •Permanickel contact •Gold plated terminals
•Precision winding with excellent linearity •Operating temperature: $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$
•Sorry—no mixing of values for quantity pricing

Value	Order #	Spectrol #	ohm	Reg.	VIP
502-0102	534-1-1-501	500	-	\$12.79	
502-0103	534-1-1-102	1K	\$14.99	12.16	
502-0104	534-1-1-202	2K	-	12.79	
502-0105	534v-1-1-502	5K	17.69	15.99	



Bennic Audio Grade Capacitors

Metalized polypropylene film capacitors are ideal for crossover design, speaker upgrade or repair. They are also useful in active audio filter and coupling circuits. Utilized by speaker manufacturers worldwide, Bennic XPP Series capacitors are known for their outstanding performance/price ratio. **Features:**
•Voltage rating: 250WVDC (160VAC) •Tolerance: 5% •Dissipation factor: $< 0.07\%$ at 1KHz •Operating temperature range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ •Life test: 150% of rated working voltage at 105°C for 1,000 hours
•Sold individually

Order #	Value	Dimensions Diameter (mm)	Length (mm)	Reg.	VIP
50-4536	0.22 μF	7	19	\$0.49	\$0.44
50-4545	0.68 μF	10	25	0.69	0.58
50-4548	0.82 μF	10	32	0.69	0.58
50-4551	1.0 μF	10	32	0.79	0.67
50-4554	1.5 μF	12	32	0.90	0.84
50-4560	2.2 μF	14	32	1.19	1.04
50-4566	3.3 μF	17.5	32	1.80	1.67
50-4569	3.9 μF	18	32	1.80	1.66
50-4578	6.8 μF	19	46	2.39	2.15
50-4581	7.5 μF	20.5	46	2.59	2.35
50-4587	10.0 μF	24	46	3.29	3.03
50-4590	12.0 μF	23	46	4.19	3.80

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Chemicals

Nothing cleans like Chemtronics™.



RATED ★★★★★ **ITW Chemtronics** **152a Duster**

- ✓Regular velocity
- ✓Warning: Flammable

•Removes dust, dirt and other dry contaminants •63 psig at 70°F
•Flammable •Ozone safe •Great for use on audio, video, office, and security cleaning •10 oz. can •12 cans per case •Mfr. #ES1027

Order #	Reg.	VIP
20-4468	\$6.49	\$5.80



ITW Chemtronics **Duster**

- ✓Regular velocity
- ✓Nonflammable

General purpose duster is ideal for office equipment, PC boards, telecommunications and A/V equipment.

Order #	Mfr. #	Size	Reg.	VIP
20-2620	ES1217	8 oz.	\$8.69	\$6.99
20-2622	ES1017	10 oz.	7.69	5.79
20-2625	ES1617	12 oz.	12.99	9.99



ITW Chemtronics **Ultrajet® 70**

- ✓High power
- ✓Nonflammable

High power spray nozzle provides up to 70 PSI. Ideal for office equipment, PC boards, telecommunications and A/V equipment. 10 oz. can. Mfr. #ES1015.

Order #	Reg.	VIP
20-2630	\$11.49	\$9.99



ITW Chemtronics **Ultrajet® Duster System**

- ✓Refillable
- ✓Super high power
- ✓Nonflammable

Idea for keyboards, circuit boards, surface mount devices, components and video equipment. #20-1840 Kit includes: Rigid 4" stainless steel nozzle, surgical grade chrome trigger valve, 36" extension hose and 10 oz. refill can. 10 oz. aerosol.

Order #	Mfr. #	Description	Reg.	VIP
20-1840	ES1020K	Complete Ultrajet Kit	\$35.99	\$29.99
20-1830	ES1020R	10 oz. 82 PSIG refill	44.99	11.99



ITW Chemtronics **Freeze Spray**

- ✓Wide spray

Economical, general purpose freeze spray with a wide spray for cooling entire PC boards. Safe on plastics. Nonflammable. Ozone safe, CFC/HCFC free. 10 oz. can. 12 cans per case. Mfr. #ES1052.

Order #	Reg.	VIP
20-3000	\$7.79	\$5.99



#20-1960

ITW Chemtronics **Flux-Off® Rosin**

- ✓Safe on plastics

Fast drying aerosol quickly and completely removes R, RMA, RA and synthetic flux. Superior wetting solvent cleans areas under components. Effective spot cleaner for removing flux, oil, ionic and non-ionic soils. Noncorrosive,

safe for most surfaces. Formulated for a wide range of material compatibility. No rinsing required. CFC/HCFC free, no ozone depleting compounds. Not for use on energized equipment. Engineered for fast repair and rework. Use on printed circuit boards and SMD pads.

Order #	Mfr. #	Description	Reg.	VIP
20-1690	ES1035	10 oz. can	\$14.99	\$12.99
20-1960	ES835B	5 oz. with brush	10.99	9.99



ITW Chemtronics **Kontakt Restorer®**

- ✓Extra cleaning strength
- ✓Lubricates
- ✓Nonflammable

•The one-step contact cleaner and lubricant
•Extends the life of contacts by protecting them from carbon build-up, oxidation and corrosion
•Prevents degradation of electrical signal •141b free •Cleans and protects metal contacts, potentiometers, relays, circuit breakers, fuse blocks, and electronic controls •12 oz. can •Mfr. #ES1629

Order #	Mfr. #	Reg.	VIP
20-4420	ES1629	\$20.99	\$17.99

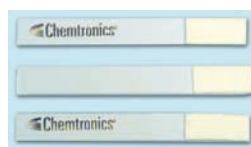


ITW Chemtronics **Rubber Keypad Repair Kit**

- Restores electrical conductivity to worn carbon contacts
- Forms a tough, flexible, wear-resistant surface
- Repairs over 50 rubber button contacts
- Repairs tested to 500,000 keystrokes
- Includes: Adhesive 3g (0.1 oz.), curing agent 0.3g (0.01 oz.), stir sticks, and applicator swabs

Mfr. #CW2605

Order #	Reg.	VIP
20-3890	\$17.99	\$14.95



ITW Chemtronics **Chamois Tips**

- Super-soft tips are free of all contaminating agents
- Compatible with TF solvent and isopropyl alcohol
- Flexible polystyrene handle •3 1/2" length
- Display packaged •50 pieces per package

Mfr. #CW2605

Order #	Reg.	VIP
20-1145	\$29.99	\$24.99



ITW Chemtronics **Electro-Wash® PR**

- ✓Safe on plastics
- ✓Warning: Flammable

General purpose cleaner and degreaser removes grease, dirt, oil, carbon and oxidation. Fast drying formula leaves no residue. Contains no ozone depleting compounds. Cleans PC boards, plastic and metal housings, magnetic pick-ups, contacts and potentiometers. Not for use on energized equipment. 10 oz. can. 12 cans per case. Mfr. #ES1603.

Order #	Reg.	VIP
20-2080	\$11.99	\$9.99



ITW Chemtronics **Tun-O-Wash**

Effectively cleans, degreases and removes oxidation from electronic equipment, in one step. No rinsing is required. 12.5 oz. Mfr. #ES2400.

Order #	Reg.	VIP
20-1715	\$21.99	



circuit works™ **Heat Sink Compound**

- Excellent heat transfer and dielectric properties
- Noncorrosive •5 fl. oz.

Order #	Reg.	VIP
20-2680	\$19.99	\$16.99



Boron Nitride Heat Sink Grease

- Formulated for ultra-high efficiency heat transfer between circuit components and heat sinks without electrical conductivity
- Provides maximum thermal conductivity with superior dielectric properties
- Silicone free compound will not harden or dry out
- Electrically insulative •Noncorrosive •Nonflammable
- Thermally stable from -99.4°F/-73°C ~ 392°F/200°C
- 3.4 g syringe •Mfr. #CW7250

Order #	Reg.	VIP
20-4606	\$13.99	\$11.95



ITW Chemtronics **Static Free™ SD-7 Plast-N-Glas®**

Instantly dissipates electrostatic build-up while safely cleaning and polishing surfaces. Compatible with all plastics, glass and stainless steel. Will not smear, streak, stain or scratch. Foaming spray will not run or drip. 14 oz. can. Mfr. #ES1668.

Order #	Reg.	VIP
20-1820	\$11.99	\$7.99



RATED ★★★★★ **ITW Chemtronics** **Double Headed Cotton Swabs**

- Economical high-quality cotton swabs
- Extremely soft and absorbent pharmaceutical grade heads •6" wooden stick allows for easy cleaning of electronic equipment, mechanical or electrical assemblies, optical surfaces and much more
- Package contains 100 swabs

Order #	Reg.	VIP
21-2220	\$4.69	\$3.99

Chemicals

Section
14

High performance cleaning products from TechSpray.



TECHSPRAY Isopropyl Alcohol

99% pure, anhydrous isopropyl alcohol for general purpose cleaning. Excellent for tape head cleaning, removal of fluxes, light oils, polar soils, and white mineral residue. Can be used as a thinner for most fluxes. Rapid evaporation, non-aggressive.

Order #	Mfr. #	Description	Reg.	VIP
20-2135	1610-P	16 oz. bottle	\$8.99	\$6.99
20-4482	1610-100DSP	100 wipes in a pop-up container	26.99	19.99
20-2251	1610-50pk	50 individually packaged wipes	22.99	19.99
20-4575	1608-100BX	100 wipes in reclosable tub	24.99	19.99



Ecoline™ Flux Remover

Dissolves type R, RMA, SA, and most no-clean fluxes. •Cleans flux from lead-free soldering •Remove no-clean fluxes •Safe on plastics •Non-corrosive •Rapidly evaporating •Zero residue 10 oz. aerosol can •Mfr. #1621-10S

Order #	Reg.	VIP
20-2105	\$13.99	\$11.99



Label and Adhesive Remover

Specially designed hydrocarbon cleaner that safely removes labels and adhesive gums from equipment and products. Effectively removes gummy residues, labels, stickers, ink marks, beverage spills, and other contaminants. Solvent has a pleasant odor. 6 oz. can. Mfr. #1613-6S.

Order #	Reg.	VIP
20-2255	\$13.99	\$10.99



Silicone Heat Sink Compound

Used to coat bases of power transistors and semiconductors when assembling them to heat sinks. Highly conductive grease draws heat away from device allowing it to run cooler. Net wt. 4 oz.

Order #	Reg.	VIP
20-1975	\$16.99	\$14.99



Projection TV Coolant

•Projection TV heat transfer fluid used by many large screen television manufacturers •Used in projection TV guns •16 oz. bottle

Order #	Reg.	VIP
20-4275	\$8.99	\$6.79



TECHSPRAY LCD Screen Cleaner and Microfiber Cloths

•Designed to clean sensitive surfaces including non-glare coatings •Gel formula will not run down into sensitive equipment •Alcohol and ammonia free •Microfiber cloths quickly clean smooth surfaces without scratching, and can be used with or without cleaner

Order #	Description	Reg.	VIP
20-4588	8 oz. spray with cloth kit	\$9.99	\$8.99
20-4585	Screen spray, 6 oz.	5.99	4.99
20-4587	Microfiber cloths, two pack	6.69	5.99



Glass Cleaner

•Ideal for cleaning plastic and glass •Strong foaming action •Removes film and nicotine •Ozone safe •Non-streaking •18 oz. can •12 cans per case •Mfr. #1625-18S

Order #	Reg.	VIP
20-3300	\$4.99	\$3.99



Ecoline™ Contact Cleaner

✓Safe on plastics

Ideal for switches, relays, contact pads, and other electrical connections **Features:** •Safe on plastics •Non-corrosive •Rapidly evaporating •Zero residue •Non-ozone depleting •10 oz. can •12 cans per case •Mfr. #1622-10S

Order #	Reg.	VIP
20-2115	\$12.99	\$10.99



Ecoline™ Blue Shower® Cleaner Degreaser

✓Safe on plastics

Most popular name in high-powered cleaner/degreasers now available in a new economical formula. Designed for cleaning electronic and electrical equipment, machinery, and metal parts. **Features:** •Safe on plastics •Non-corrosive •Rapidly evaporating •Zero residue •Non-ozone depleting •10 oz. can •12 cans per case •Mfr. #1620-10S

Order #	Reg.	VIP
20-2100	\$12.99	\$11.99



Cotton TechSwabs™

Precisely designed, manufactured and packaged to serve the various cleaning and maintenance needs in the electronics industry. •Tightly wrapped, pre-cleaned cotton tip insures least amount of extractable contaminants •Wooden tip (single tip swab) allows for aggressive cleaning

Fig.	Order #	Description	Reg.	VIP
A	20-2710	Double tip, 100 pack	\$4.49	\$3.79
A	20-2711	Double tip, 1000 pack	36.99	29.99
B	20-2715	Single tip, 100 pack	4.29	3.29
B	20-2716	Single tip, 1000 pack	25.79	19.99



Economy Duster

✓Regular velocity
✓Warning: Flammable

•Blasting power for quick dust removal •Non-ozone depleting •Moisture free gas •Odorless •HFC-152a •Not to be used around open flames or sparks •12 cans per case •10 oz. can •Mfr. #1673-10S

Order #	Reg.	VIP
20-4410	\$5.99	\$3.99



Envi-Ro-Tech® Duster

✓Regular velocity
✓Nonflammable

Formulated with HFC-134a, this exceptionally pure, moisture free, inert gas removes particles without the use of harmful solvents. Nonflammable, odorless formulation removes microscopic contaminants, lint, dust, metallic oxide deposits and other soils. Zero ozone depleting. 12 cans per case.

Order #	Mfr. #	Size	Reg.	VIP
20-2205	1671-10S	10 oz.	\$7.29	\$4.99
20-2206	1671-15S	15 oz.	8.99	7.99



Envi-Ro-Tech Freezer

✓Nonflammable

HFC-134a based, rapidly evaporating liquid chills to -62°F. Used for troubleshooting thermally intermittent components and cold solder joints. 10 oz. can. Mfr. #1672-10S.

Order #	Mfr. #	Size	Reg.	VIP
20-2200	1672-10S	10 oz.	\$6.99	\$5.99



Vortex™ High Velocity Duster

✓High power
✓Nonflammable

Vortex™ is a high volume, high velocity duster for blasting contamination from surfaces. 10 oz. can. Mfr. #1697-10S.

Order #	Reg.	VIP
20-3550	\$7.69	\$6.99



Techclean Wipes

✓Cellulose/polyester
✓9" x 9"
✓100 wipes

This hydroentangled cellulose/polyester wipe has high absorbency with extra low particulate and chemical extractables. **Features:** •Extra absorbent •Captures liquids •Low particulate generation •Low contamination •Ultra low chemical extractables •Static-free applications •Absorbency capacity: 500% •Average thickness: 14 mils •Mfr. #2350-100

Order #	Reg.	VIP
20-2570	\$9.99	\$7.99



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Section 14 Chemicals

Clean up on big savings on essential chemicals.



Stellar Labs™

Pro Clear™ LCD Screen Cleaning Kit

- Perfect for safely cleaning all LCD displays and electronics
- Removes all dust, fingerprints, smudges, and grime
- Streak-free professional liquid-polymer formula comes as a 6 oz. gel solution that won't run when sprayed on the surface
- Kit includes: Pro Clear™, Premium 12" x 12" microfiber cloth, and a reusable plastic bag for storage

Order #	MRSP	Reg.	VIP
20-4800	\$19.99	\$9.99	\$5.99



5 Pack

MCM

Premium Microfiber Cleaning Cloths

- Tight knitted interwoven design lifts and traps contaminants
- Can be used with or without chemicals
- 12" x 14"

Order #	Reg.	VIP
21-9255	\$9.99	\$5.99



Super Seal Refrigerant Sealant

- Quickly, and permanently repairs A/C and refrigeration leaks
- Compatible with all oils and refrigerants
- Ideal for preventative maintenance and hard to find seasonal leaks
- Easily installed in minutes with complete one-time-use

kit •Seals multiple leaks •Environmentally friendly

Order #	Mfr. #	Description	VIP
20-4880	944KIT	Units using more than 4 lbs. refrigerant	\$49.99
20-4882	947KIT	Units using less than 4 lbs. refrigerant	44.99



Plas-T-Pair

- Excellent for fixing broken plastic knobs, plastic cabinets, etc.
- This two part kit can be used as an extremely strong fast setting, waterproof glue; which will bond almost any material
- No clamps or pressure is needed when bonding with Plas-T-Pair Kit contains: •30cc Plas-T-Pair liquid, 24 grams Plas-T-Pair powder and precision eyedropper

Order #	Reg.	VIP
20-1090	\$12.49	\$9.99



Cyber Clean® Home and Office Cleaning Compound

- Ideal for all devices and surfaces
- Safe on circuit boards and components
- Reusable 75+ times

Order #	Description	Reg.	VIP
20-4845	2.65 oz. pack	\$4.99	
20-4846	4.94 oz. cup	6.99	
20-4847	5.11 oz. jar	7.99	



3M Stainless Steel Cleaner

- Leaves a light protective film that restores sheen to factory finish, reduces fingerprints and resists streaking
- Helps hide blemishes and slows re-soiling
- No greasy film residue
- 21 oz. aerosol

Order #	Reg.	VIP
108-4125	\$13.99	\$10.99



LPS Silicone Lubricant

- High-grade silicone lubricant for use on almost any surface
- Forms an effective silicone layer to lubricate and protect rubber, plastic and metal parts
- Food grade, nonstaining, colorless and odorless
- 13 oz. can •12 cans per case

Order #	Reg.	VIP
20-480	\$9.29	\$8.99



NTE Single Use Heat Sink Compound

- Five-pack of single use heat sink compound tubes
- Silicone base •Thermal conductivity (K factor): .001
- Temperature range: -40°~400°F •1 gram per tube

Order #	Reg.	VIP
20-4505	\$2.99	



Rauw Silicone Heat Sink Compound

- Used for heat transfer from semiconductor devices to mounting points
- White •Will not dry or harden
- 1 oz. tube

Order #	Reg.	VIP
20-300	\$7.99	\$4.99



Rauw Super Glue

- One drop makes a strong, permanent bond on most materials
- 3g

Order #	Reg.	VIP
20-350	\$2.99	\$1.99



Cyber Clean® Automotive Cleaning Compound

- Ideal for all car, boat, and airplane interiors
- Absorbs dirt and dust
- Reusable 75+ times

Order #	Description	Reg.	VIP
20-4850	2.65 oz. pack	\$4.99	\$3.99
20-4852	5.11 oz. jar	7.99	6.99



3M Super 77™ Multipurpose Adhesive

- Multipurpose industrial-grade adhesive
- Securely bonds most lightweight materials including metal foil, plastic films, polystyrene foam, flexible foam, fiberglass insulation, and more
- High coverage and fast aggressive tack

Order #	Size	Reg.	VIP
108-545	24 oz.	\$14.99	\$12.99
108-546	6 oz.	6.99	5.49



LPS LVC Contact Cleaner

- Cleans and degreases delicate precision mechanisms
- Penetrating action removes oil, grease, dirt, flux and other contaminants
- Ideal for electronic and fine parts
- Safe on plastics
- 11 oz. can •Mfr. #05416

Order #	Reg.	VIP
20-4775	\$17.99	\$16.99



DOW CORNING® Silicone Rubber Sealant

- Dow Corning 684 100% pure silicone
- Won't crack or shrink
- Withstands high temperatures up to 400°
- Flows easily, no mess
- 2.8 oz.

Order #	Color	Reg.	VIP
20-280	Clear	\$6.49	\$4.49
20-1175	Black	6.79	4.49
20-281	White	6.59	4.49



Rauw Contact Cleaner

- Cleans and restores relays, controls, switches, attenuators and thermostats on electronic equipment
- Leaves no residue and will not harm plastics or insulators
- Not for use on energized equipment
- 9 oz. can. 12 cans per case. Mfr. #11118.

Order #	Reg.	VIP
20-2005	\$8.29	\$5.99



Rauw Rubber Drive Cleaner

- Cleans and revitalizes rubber
- Removes glazing effect on old belts and idler wheels
- 1 oz.

Order #	Reg.	VIP
20-230	\$5.29	\$3.49

DeoxIT products add new life to your equipment.



Industrial Size Screen Cleaner

• Professional quality screen cleaner is safe on LCD, plasma, touch, and CRT screens • Alcohol, and ammonia free • 2" x 12" microfiber cloth • 22 oz. spray bottle

Order #	Reg.	VIP
200-410	\$9.99	\$8.99



DeoxIT® Contact Cleaner and Rejuvenator

• Improves the performance and reliability of all equipment and parts • Active ingredients chemically dissolve surface contamination (oxides and sulfites) without harm to plastics

Order #	Mfr. #	Size	Applicator	Solution	Reg.	VIP
200-040	D5S-6	5 oz.	Aerosol spray	5%	\$12.99	\$9.99
200-230	DN5S-6N	5.75 oz.	Aerosol spray, Non flammable	5%	19.99	17.99
200-236	DN5MS-15	0.5 oz.	Aerosol spray, Non flammable	5%	8.49	7.99
200-195	DP5S-6	5 oz.	Pump spray	25%	21.99	17.99
200-150	D100S-2	2 oz.	Pump spray	100%	16.29	14.99
200-050	D100P	0.2 oz.	Pen	100%	16.29	14.99
200-320	K-D1W-25	25 wipes	Presaturated wipe	100%	12.49	10.99
200-060	D100L-2DB	0.25 oz.	Vial with brush	100%	14.69	12.99
200-070	D100L-25C	0.845 oz.	Bottle with needle	100%	24.49	19.99



Val-U Degreaser Wash

• Light-duty cleaning for electric equipment, machinery, and metal parts • Evaporates quickly with no residue • Adjustable flow valve • 10oz aerosol • Mfr. #DDW-V610

Order #	Reg.	VIP
200-355	\$7.79	\$5.99



Val-U Flux Wash

• Clean and remove fluxes, light oils, waxes, grease, and silicone • Adjustable flow valve • 10 oz • Mfr. #DFW-V710

Order #	Reg.	VIP
200-350	\$7.79	\$5.99



Mechanic-ALL Penetrating Lubricant

• Concentrated long-lasting formula provides lubrication and protection from corrosion • Adjustable flow aerosol valve

Order #	Mfr. #	Description	Reg.	VIP
200-365	M20S-9	Flammable, 9 oz.	\$8.29	\$4.99
200-366	N20S-5N	Nonflammable, 5 oz.	5.99	3.99



Val-U Contact Cleaner Wash

• Clean switches, relays, contacts, connectors, parts, and components • Evaporates quickly with no residue • Adjustable flow valve • 10 oz. aerosol • Mfr. #DCC-V510

Order #	Reg.	VIP
200-360	\$7.79	\$5.99



DeoxIT® Gold

• Unique contact cleaner, conditioner, enhancer, lubricant and protectant for plated metal surfaces • Improves conductivity • On visibly oxidized surfaces, pre-treat with DeoxIT® contact cleaner

Order #	Mfr. #	Size	Applicator	Solution	Reg.	VIP
200-025	G5S-6	5 oz.	Aerosol spray	5%	\$19.99	\$18.99
200-235	GN5S-6N	5.75 oz.	Aerosol spray, non-flammable	5%	26.79	21.99
200-245	GN5MS-15	0.5 oz.	Aerosol spray, non-flammable	5%	10.49	8.99
200-295	G5MS-15	0.5 oz.	Aerosol spray	5%	10.99	7.99
200-190	GP5S-6	5 oz.	Pump spray	25%	28.99	24.99
200-035	G100P	0.2 oz.	Pen	100%	21.19	18.99
200-322	K-G1W-25	25 wipes	Presaturated wipes	100%	16.49	15.99
200-030	G50W	50 wipes	Presaturated wipes	100%	24.99	21.99
200-061	G100L-2DB	0.25 oz.	Vial with brush	100%	24.49	19.99
200-071	G100L-25C	0.845 oz.	Bottle with needle	100%	46.49	39.99



CircuitWriter® Conductive Ink Pen

• Silver based solution makes .5g instant traces on epoxy, glass, plastic, metal • Mfr. #CW100P

Order #	Reg.	VIP
200-175	\$18.49	\$15.99



CaiKote™ 44

Conductive Coating

• Repairs membrane buttons, keyboard buttons, and other carbon based conductive surfaces that have worn out • Mfr. #K-CK44-G

Order #	Reg.	VIP
200-315	\$10.99	\$9.99



DeoxIT® FaderLube Contact Lubricant

• 100% solution replenishes lubrication lost on faders and sliding surfaces • 5% version best for flushing conductive plastics and carbon-based faders

Order #	Mfr. #	Description	Reg.	VIP
200-205	MCL5S-H6	Spray, 5% solution, 142 g	\$13.99	\$12.99
200-206	MCL100S-L2	Spray, 100% solution, 142 g	15.49	13.99
200-208	MCL100L-25C	Liquid, 100% solution, 25ml	28.99	23.99



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Chemicals

Check out WD-40's new line of Blue Works professional cleaners and lubricants.



WD-40® Trigger Pro

•A non-aerosol trigger allows you to use WD-40® in more places •The original WD-40® formula can be applied in a wide spray or narrow stream with greater control •No-leak recyclable steel container •20 oz.

Order #	Reg.	VIP
20-4620		\$11.99



Multi-Purpose Lubricant

•Excellent penetrant provides superior, long-lasting corrosion protection •Drives out moisture and stops corrosion leaving behind a clear, thin protective film •Synthetic lubricant •11 oz. aerosol can •Mfr. #110276

Order #	Reg.	VIP
20-4825	\$6.99	\$5.99



PTFE Dry Lube

•Superior formula stands up to extreme temperature and pressure when others fail •Safe to use on wood, paper, glass, leather, metal, and most plastics •Temperature range from -50°F to 500°F •10 oz. aerosol can •Mfr. #110245

Order #	Reg.	VIP
20-4810	\$9.99	\$7.99



SUREHOLD® 90 Second Epoxy

•Rapid curing-bond sets in 90 seconds, can be handled in five minutes and full strength in one hour •Great for bonding metals, ceramics, glass, rubber, wood, plastics, fiberglass, and more •Works with inconsistent surfaces •14ml net volume syringe •Mfr. #336

Order #	Reg.	VIP
20-4525	\$5.99	\$3.99



SUREHOLD®

Plastic Surgery™ Super Gel

•Gap filling gel helps adhere uneven surfaces •Engineered to "bite" into plastic materials •3 gram applicator

Order #	Reg.	VIP
20-4494	\$3.99	\$2.29



WD-40®

•The classic WD-40 aerosol formula that stops squeaks, protects metal, loosens rusted parts, displaces moisture and over 2,000 more uses •12 cans per case **Smart Straw:** •Never lose your straw with the Smart Straw

found on select sizes **Big Blast:** •Quickly coat tools and large amounts of parts with the special wide spray nozzle **No-Mess Pen:** •WD-40 where you want it; will not run or drip

Order #	Description	Reg.	VIP
20-3312	3 oz. Handy can	\$2.99	\$2.59
20-3316	8 oz. Smart straw	4.99	4.49
20-4390	12 oz. Smart straw	6.19	5.49
20-3322	16 oz. Industrial size	5.99	4.99
20-3323	18 oz. Big blast	6.99	5.49
20-4395	No-mess pen	3.99	1.49



Industrial Grade Contact Cleaner

•The ultimate cleaner for all of your electronics •Kb cleaning value of 205 •Residue free •Dielectric strength of > 25,000 volts •11oz. aerosol can •Mfr. #110283

Order	Reg.	VIP
20-4830	\$6.99	\$5.99



Industrial Grade Penetrant

•Industrial grade penetrant works fast to free corroded fasteners and stuck parts while protecting against corrosion (very few penetrants do this) •Penetrates tight crevices, threads and seems to break the bonds that hold stuck parts together •11 oz. aerosol can •Mfr. #110269

Order	Reg.	VIP
20-4820	\$9.59	\$7.99



SUREHOLD® Python Glue

•High-strength polyurethane adhesive •Use with damp or dry surfaces •Sandable •Fully cures in 72 hours •2 oz. bottle •Mfr. #352

Order	Reg.	VIP
20-4555	\$6.19	\$4.49



SUREHOLD® Super Glue

•Drip-proof, clog proof applicator tip provides a fine, controlled flow •Patented cap design keeps glue from drying out •Industrial strength •10 gram applicator

Order #	Reg.	VIP
20-4490	\$4.69	\$4.29



Industrial Grade Degreaser

•Deep-penetrating foaming action removes grease, oil, dirt, and grime •Water-based cleaner with performance superior to solvent-based cleaners •Higher rated soil removal score (ASTM D-4488) than competing products •Works great on metal, tools, machinery, power equipment, and more •18oz. aerosol can •Mfr. #110306

Order	Reg.	VIP
20-4835	\$11.59	\$8.99



High-Performance PTFE Lubricant

•Industrial grade lubricant provides •Substantially reduces friction and wear •Excellent for heavy-load applications •Quick-drying PTFE formula •Safe to use on all metal and non-metal surfaces •11oz. aerosol can •Mfr. #110320

Order	Reg.	VIP
20-4840	\$11.49	\$9.99



White Lithium Grease

•Heavy-duty lubrication and corrosion protection that won't melt, freeze, or run in any weather •Works great for metal-to-metal applications •Prevents rust and corrosion •High-viscosity lubricant •Temperature range from 0°F to 300°F •10 oz. aerosol can •Mfr. #110252

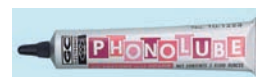
Order	Reg.	VIP
20-4815	\$9.59	\$7.99



Industrial Grade Silicone

•Heavy-duty formula withstands high-pressure •NSF H1 and H2 certified •Great for releasing molded parts •Safe to use on all metal and non-metal surfaces including wood, and rubber •Long-lasting corrosion protection •11oz. aerosol can •Mfr. #110238

Order	Reg.	VIP
20-4805	\$9.49	\$7.99



Phonolube

•Light bodied grease made of polymerized oil •Specially developed for the lubrication of small geared mechanisms such as phonographs, record changers, TV channel and record mechanisms, etc. •Retains its viscosity over a wide range of temperatures •2 fl. oz. tube

Order #	Reg.	VIP
20-415	\$11.99	\$8.99



SUREHOLD®

Sureflex Multi-Purpose Adhesive

•Multi-Purpose adhesive creates a flexible bond making it useful for a variety of surfaces •Use for plastics, vinyl, leather, suede, speaker tears and more •Never becomes brittle •Dries clear •1oz. tube •Mfr. #360

Order	Reg.	VIP
20-4890		\$6.99

MCM stocks a wide variety of project boxes and prototype boards for numerous applications



Solar Shed Light

Complete self contained lighting package is great for small sheds or other outbuildings, where it is inconvenient or impossible to run AC power. Magnetic light base also makes this suitable in temporary situations such as camping. Weatherproof solar panel mounts on the outside of the structure, and connects to interior mounted LED light. Internal 3.6V, 600mA battery provides storage for use during nighttime hours. Five powerful white LEDs are each 10mm in diameter, providing a surprising amount of light, with very low current draw. Includes 8' of connecting wire, which can easily be extended, and all mounting hardware. Solar panel dimensions: 5 3/4" x 3 3/4".



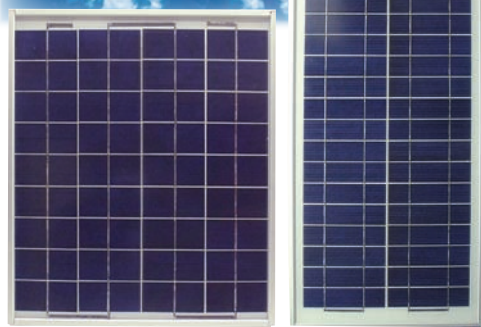
Order #	Reg.	VIP
28-11145	\$50.99	\$26.99

3 Amp Solar Charge Controller

Depending upon the voltage of the battery and that supplied by the solar panel, the controller will adjust the charging current and decide if necessary to supply power to the load, keeping the battery at full voltage condition. The controller also prevents the battery from over charging or discharging, as well as preventing reflow of current back to panels during dark conditions.



Order #	Reg.	VIP
28-11150	\$17.39	\$16.99



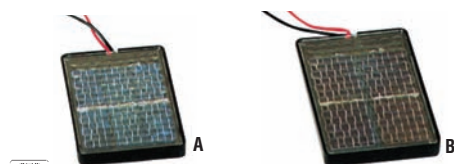
#28-11154

#28-11158

Weatherproof Solar Panels

Perfect for charging 12V batteries, these fully weatherproof solar panels are great for a variety of alternative energy applications. A heavy-duty anodized aluminum frame provides strength and convenient mounting access. Cells are laminated between high transmissivity, low iron 3mm tempered glass and sheet tedlar-polyester-tedlar (TPT) material by two sheets of ethylene vinyl acetate (EVA). This protects against moisture penetrating into the module. Highly efficient mono crystalline cells provide typical service life of up to 25 years. When used to charge a storage battery, a separately available charge controller is required. **Specifications:** •Max power voltage: 17.6V •Open circuit voltage: 21.6V •Operating temperature range: -49°~+185°F •See MCMelectronics.com for complete specifications

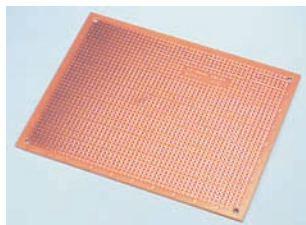
Order #	Wattage	Max Current	Reg.	VIP
28-11152	5W	0.28A	\$38.79	\$35.99
28-11153	10W	0.57A	76.49	69.99
28-11154	15W	0.85A	112.00	106.00
28-11156	20W	1.14A	152.00	139.00
28-11158	30W	1.70A	224.00	209.00
28-11160	50W	2.80A	377.00	359.00



Compact Solar Panels

Small polycrystalline panels provide a wide range of voltages and current, perfect for hobby, experimentation and educational use, as well as larger solar panel prototyping. Pigtail stripped and tinned leads allow easy connection. Versatile mounting allows incorporation in a wide range of applications. Multiple cells (of the same type) may be placed in series/parallel arrangement to provide increased voltage and or current.

Fig.	Order #	Voltage	Current	Dimensions (H x W x D)	Reg.	VIP
A	28-11130	0.5V	400mA	1.8" x 2.8" x 0.2"	\$4.69	\$3.99
B	28-11132	0.5V	800mA	2.6" x 3.7" x 0.2"	8.49	6.99
C	28-11134	1.0V	200mA	1.8" x 3.0" x 0.2"	4.69	3.99
D	28-11136	2.0V	200mA	3.0" x 3.7" x 0.2"	8.49	7.49



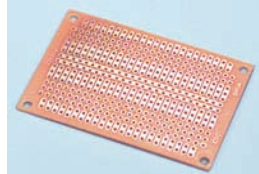
Large PC Board

Large PC board has 2,036 holes for multiple connections and connected traces. Board measures 5 1/2" x 4 1/16" x 3/32"

Order #	Reg.	VIP
21-4585	\$3.29	\$2.49

Small PC Prototype Board

This prototype board features 25 rows of connections. The center two rows are one connection the length of the board. The outside two holes are common connection on both sides of the board and all rows. Each row also features two separate holes, three separate holes with two sets of three holes with common connections. Board measures 2 1/16" x 1 1/16" x 3/32".



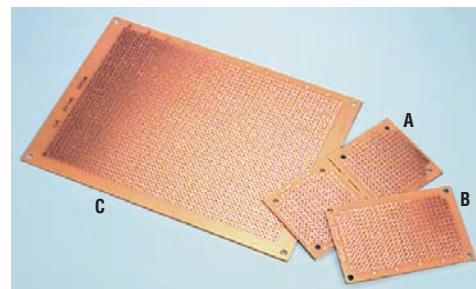
Order #	Reg.	VIP
21-4590	\$1.19	\$0.59

Project Boxes

•Gray plastic boxes with slots inside to hold PC boards •Lid with hardware included •Measurements are inside dimensions



Order #	Dimensions (W) x (L) x (D)	Reg.	VIP
28-960	2" x 4" x 1 1/2"	\$3.09	\$2.09
28-965	2 1/8" x 4 1/8" x 1 1/8"	3.59	2.09
28-970	3 1/8" x 5 1/8" x 2"	4.09	2.99
28-975	4 1/8" x 7 1/8" x 2 1/8"	5.09	4.39



Experimenters General Purpose Boards

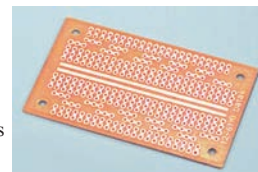
Use these boards to quickly assemble prototype, school, and hobby projects. Available in different sizes to accommodate different project needs. Boards also feature number markings for easy positioning. #21-4570 is a dual project board.

Fig.	Order #	# of holes	Dimensions	Reg.	VIP
A	21-4570	220	1 1/8" x 1 1/8" x 3/32"	\$1.29	\$0.99
B	21-4600	375	2" x 2 1/8" x 3/32"	1.29	0.99
C	21-4605	2200	4 1/2" x 6 1/4" x 3/32"	3.99	1.69

Small IC

Prototype Board

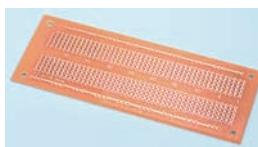
Board was designed for ICs to straddle center of board. There are 26 rows designated for IC pin connections with two additional connections for IC with added connections toward outer edges of board. Board measures 1 1/16" x 1 1/16" x 3/32".



Order #	Reg.	VIP
21-4575	\$1.29	\$0.49

Medium Size Prototype Board

This board was designed for medium sized circuits with room for several ICs and lots of components. The outside traces are all connected while the center was designed to accept multiple ICs with 45 traces available for multiple connections. Board dimensions are 5 1/8" x 1 7/8" x 3/32".



Order #	Reg.	VIP
21-4580	\$1.99	\$1.29

IC Experimenters Board

Both boards are small boards which can be separated. Both board are capable of holding a 4 pin to 10 pin DIP IC. Excellent boards for prototyping, schools and hobbyist.



Fig.	Order #	Dimensions	Reg.	VIP
A	21-4595	1 1/8" x 1 1/8" x 3/32"	\$1.49	\$0.99
B	21-4610	1 1/8" x 1 1/8" x 3/32"	1.29	0.99

Share your experience with us! Visit our website to rate a product or write a review.

www.MCMelectronics.com | 1-800-543-4330

Enter source code from back cover in web shopping cart for sale prices.



Project Accessories

See our website for our complete offering of analog and digital panel meters



Rubber Grommets

- ✓ Used when wiring must pass through enclosure's surface
- ✓ Popular in ABS, stamped and die-cast project boxes

•100 per bag •Black

Order #	(I.D.)	(O.D.)	Reg.	VIP
28-1080	3/8"	1/2"	\$5.79	\$4.59
28-1085	1/2"	3/4"	6.19	5.29
28-1090	3/4"	1"	7.60	3.79
28-1095	1"	1 1/8"	12.29	7.29



AC/DC Brushless Cooling Fans

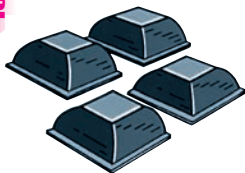
MCM's line of square cooling fans will help you prolong the life and reliability of your computer, office machine, power supply and much more. Available in ball or sleeve bearing design.

AC Fans

Order #	(A)	(CFM)	Size	Bearing	Reg.	VIP
28-1690	.24	105	4 1/2" x 1 1/2"	Sleeve	\$25.49	\$10.99
28-1725	.24	105	4 1/2" x 1 1/2"	Ball	32.69	9.99

DC Fans

Order #	(A)	(CFM)	Size	Bearing	Reg.	VIP
28-1730	.10	5.4	1 1/2" x 3/4"	Ball	\$10.70	\$5.99
28-1735	.09	12.7	2 1/2" x 1"	Ball	6.69	4.99
28-1740	.12	19.8	3 1/2" x 1"	Ball	14.29	7.99
28-1710	.16	25.2	3 1/2" x 1"	Sleeve	5.99	4.99
28-1745	.16	25.2	3 1/2" x 1"	Ball	16.39	8.99
28-1750	.20	54.0	4 1/2" x 1"	Ball	22.49	9.99



Adhesive Rubber Feet

Perfect for finishing off the latest project or prototype. Also great for replacing lost or damaged feet on existing equipment. Non-skid rubber material

helps stabilize enclosure while protecting shelf finish. Peel and stick adhesive allows easy application. Black color, four per package.

Order #	Dimensions	Price Per Package	
		Reg.	VIP
28-940	0.82" x 0.82" x 0.31"	\$1.19	\$0.49
28-941	0.51" x 0.51" x 0.25"	1.14	0.69
28-943	0.51" x 0.51" x 0.16"	1.09	0.69



ELESCO Jumper Wire Kit

Contains 350 lengths of pre-stripped, pre-formed #22 solid wire in various colors. 14 different lengths of 25 pieces each. Contained in a large 14 compartment plastic case. Dimensions: 5" (H) x 10 1/2" (W) x 1 1/4" (D).

Order #	Reg.	VIP
102-155	\$13.29	\$9.99



Project Boxes with Matching PC Boards

Compact boxes are perfect for a variety of custom design and prototype applications. ABS construction is easily cut or drilled, and metal top plate provides partial shielding as well as professional appearance. Matching prototype boards are available for each box size, greatly easing assembly. Boards are predrilled with solder pad holes at 0.10" spacing. Boxes include top plate and board mounting hardware. Boxes and matching PC boards are designated with the same model letter.

Order #	Model	Dimensions (H) x (W) x (D)	Reg.	VIP
Project boxes				
28-976	A	1 1/2" x 1 1/2" x 2 1/2"	\$1.89	\$1.49
28-977	B	1 3/4" x 2" x 3 1/4"	1.99	1.59
28-978	C	1 1/2" x 2 1/2" x 4 1/4"	2.59	2.19
28-979	D	1 1/2" x 3 1/4" x 5 1/4"	3.40	2.79
PC boards				
21-4576	A	1 1/2" x 1 1/2"	0.59	0.45
21-4577	B	2" x 2 1/2"	0.69	0.55
21-4578	C	2 1/2" x 3 1/4"	0.89	0.75
21-4579	D	3 1/4" x 4 1/4"	1.49	1.19



15VDC Panel Mount Meter

DC moving coil meter provides accurate measurement from 0~15VDC. Mirrored scale provides accurate readings

at any angle. Front panel dimensions 2 1/2" (H) x 3 1/2" (W). Requires 1 1/4" diameter cutout. Includes all mounting hardware. Required mounting depth 1", overall depth 1 1/2".

Order #	Reg.	VIP
PM11124	\$18.49	\$10.59



Compact Panel Mount DC Voltmeters

DC moving coil meters provide accurate measurement of DC voltage from 0~30V, in three ranges. Mirrored scale provides accurate

readings at any angle. Front panel dimensions 1 3/4" (H) x 1 1/8" (W). Requires 1 1/2" diameter cutout. Includes all mounting hardware. Required mounting depth, 1", overall depth 1 1/2".

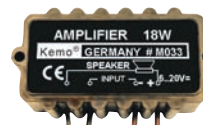
Order #	Measurement Range	Reg.	VIP
PM11280	10VDC	\$15.49	\$11.09
PM11281	25VDC	18.09	10.59
PM11189	30VDC	16.49	10.79



vellenman-kit LCD Digital Panel Meter

•Low cost version •Single 8/12VDC (1mA) operation •High input impedance: > 100Mohm. **Specifications:** •Display: 3 1/2 digit LCD •Input sensitivity: 200mVFS •Power supply: 9VDC (7~12VDC) •Decimal point selection with wire jumper •Automatic polarity indication •Figure height: 0.52" •Sampling rate: 2-3 readings/sec. •Guaranteed zero reading for 0V input •Accuracy: ±0.5% •Power consumption: 1mA DC •Size: 2.7" x 1.7"

Order #	Reg.	VIP
72-8100	\$6.99	\$5.99



Single Channel Amplifier Module

Compact amplifier circuit is housed in a fully potted plastic enclosure and is great for a variety of hobby, service and prototype applications. The amplifier accepts line level input (80mV), and provides 18W output into a 40hm load. Requires 6~20VDC, 800mA. Dimensions: 2.4" (W) x 1.8" (D) x 1" (H).

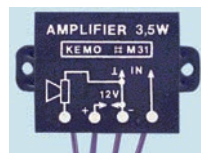
Order #	Reg.	VIP
28-6403	\$17.59	\$11.99



Single Channel Audio Amplifier Module

Compact audio amplifier circuit is housed in a fully potted plastic enclosure and is great for a variety of hobby, service and prototype applications. Amplifier accepts line level input (80mV), and provides 12W output into a 40hm load. Requires 6~16VDC, 12VDC optimum (800mA). Dimensions: 2 1/2" (W) x 1 1/2" (D) x 1" (H).

Order #	Reg.	VIP
28-6402	\$12.99	\$8.99



Single Channel Audio Amplifier Module

Ultra compact audio amplifier circuit is housed in a fully potted plastic enclosure and is great for a variety of hobby, service and prototype applications. Amplifier accepts line level input (80mV), and provides 3.5W output into a 40hm load. Requires 4 1/2~12VDC, 12VDC optimum (500mA). Dimensions: 1 1/4" (W) x 1" (D) x 3/4" (H).

Order #	Reg.	VIP
28-6400	\$8.19	\$6.49

MCM CUSTOM AUDIO

Single Channel Amplifier Module

Compact amplifier is perfect for any general purpose application where a speaker needs to be driven from a line level signal. Its compact size allows it to be mounted most any place, and may be directly attached to the rear of a speaker enclosure. It is ideal for a wide variety of hobby, service and prototype applications. **Features:** •RCA female input •Accepts line level or headphone level signal •12" attached speaker leads •Barrel type power connector **Specifications:** •Input: Line level (80mV) •Output: 12W @ 40hm •Requires 6~16VDC, 800mA •Dimensions: 1 1/4" (H) x 2 1/8" (W) x 2" (D)

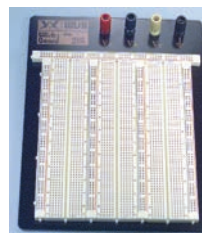
Order #	MSRP	Reg.	VIP
50-4605	\$29.95	\$15.29	\$10.99



Piezo Electronic Buzzers

•Operating voltage: 3~28VDC •Rated maximum current: 20mA •Sound output level: Minimum 85dB at 10cm

Order #	Resonant Freq. (KHz)	(dia)	Reg.	VIP
28-735	6.6~0.6	28mm	\$2.39	\$0.99
28-740	4.7~0.5	35mm	1.59	0.99
28-745	2.8~0.5	50mm	2.59	1.29



Solderless Breadboards

•Red, yellow, green and black binding posts •1890 terminal strip tie points and 500 distribution strip tie points •Dimensions: 6 7/8" (W) x 9" (L) x 3/4" (D)

Order #	Reg.	VIP
72-345	\$30.59	\$19.99



Electricians Tape

Ideal for all electrical and electronic applications. •PVC insulating tape •8 mil x 1/4" •60' roll #21-090 is 7 mil and UL approved

Order #	Color	VIP
21-095	Red	\$0.99
21-090	Black	0.99
21-985	White	0.99
21-995	Blue	0.99
21-990	Yellow	0.99



Scotch Blue™ Painters Tape

This specially designed masking tape removes cleanly without adhesive transfer or surface damage for up to 14 days, even in direct sunlight. It is a medium adhesion tape that is ideal for painted walls and trim, woodwork, glass and metal. •Keeps your paint lines precise and trim clean •Works with water-based coatings being applied; not for lacquer coatings •Interior or exterior use •Works best in temperatures 50°F~100°F •60 yard roll

Fig.	Order #	Size	Reg.	VIP
A	108-3973	3/4" x 60 yds, roll	\$3.49	\$2.99
B	108-3976	1" x 60 yds, roll	4.19	3.99
C	108-3974	2" x 60 yds, roll	9.99	7.99
D	108-3975	3" x 60 yds, roll	13.99	11.95
-	108-3977	2 1/4" x 3 1/2", 60 pieces	5.19	4.19
E	108-3978	Die cuts for corners and hinges		
		1" x 30 yards	12.49	9.49
		Roll with refillable applicator		

3M ScotchKote™ Electrical Coating

•Quickly moisture seal wire splices •Provides vinyl tapes with an extra moisture and corrosion resistant layer •Fast-drying sealant and bonding compound •Brush-top 4 oz. can

Order #	Reg.	VIP
108-4095	\$8.19	\$7.49



Scotch Premium Heavy-Duty Packaging Tape 3750

•Self-dispensing 2" clear box sealing tape •Aggressive adhesive allows tape to stick instantly and hold tightly •Resists center seam splitting, assures reliable closures •Seals out moisture, dust and dirt

Order #	Reg.	VIP
108-3311	\$5.99	\$4.99



Scotch Color Coding Tape 35

Ideal for phase identification, marking and harnessing. Tape is UV, abrasion, corrosion, alkali and acid resistant. Temperature rating is 220°F. Thickness is 7 mil. Each roll is 1/4" x 66'

Order #	Color	Reg.	VIP
108-952	Blue	\$5.49	\$4.29
108-954	Brown	5.49	4.29
108-956	Gray	5.49	4.29
108-958	Green	5.49	4.29
108-960	Orange	5.49	4.29
108-962	Red	5.49	4.29
108-963	Violet	5.49	4.29
108-965	White	5.49	4.29
108-967	Yellow	5.49	4.29



Scotch Vinyl Electrical Tape Super 88

•Premium-grade heavy-duty electrical tape •8.5 mil thickness •Flame retardant •Cold and weather resistant tape with superior cold weather handling features •Available in two popular lengths

Order #	Description	Reg.	VIP
108-3880	3/4" x 44'	\$3.79	\$3.39
108-3882	3/4" x 66'	5.89	4.99



3M Duct Tape 3939

•High tensile strength and strong backing •Aggressive adhesive •Abrasion resistant •Tears easily without curling •Waterproof backing •Surface can be written on •Tack-free edges •Officially licensed Duct Tape by NASCAR®

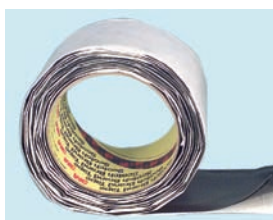
Order #	Description	Reg.	VIP
108-3824	1" x 60 yards	\$4.99	\$3.99
108-3826	2" x 60 yards	10.49	7.99
108-3828	3" x 60 yards	13.49	10.99



3M Moisture Sealant 06147/9 Roll

Pads are made of self-fusing, rubber based compound, laminated to an all weather grade vinyl PVC backing. They mold easily around difficult shapes and will insulate, moisture seal and pad all connections up to 600V. Thickness 45 mil. Temperature rating is 176°F. Size: 2 1/2" x 10'. Black color.

Order #	Reg.	VIP
108-985	\$18.99	\$15.99



Scotch 27 Glass Cloth Electrical Tape #108-4195



3M Scotch Glass Cloth Tape

•Woven glass cloth tape with a pressure-sensitive adhesive •Edge-resistant conformable •High-temperature flame resistant •For use as a coil cover, anchor, for banding and core, layer and crossover installation

Order #	Mfr. #	Size	VIP
108-4195	054007-15066	27.5" x 66' 7mil	\$9.99
108-4200	054007-10083	69.5" x 66' 7.5mil	12.49

Technician Aids

Section 16

Professional quality tape for any need.

Scotch Electrical Tape Super 33+™

•Ultra high quality electrical tape is the industry standard for virtually all electrical applications •Hot/cold weather resistant •Resists UV rays, abrasions, moisture, acids and corrosion

Order #	Size	Rolls per package	Reg.	VIP
108-3375	3/4" x 52'	1	\$4.19	\$3.79
108-140	3/4" x 66'	1	5.39	4.49
108-950	3/4" x 20'	1	2.09	1.69
SUPER33	3/4" x 52'	10	39.99	33.99



3M Temflex™ 1700 Vinyl Electrical Tape

•PVC insulating electricians tape •7 mil x 3/4" •60' roll •UL listed, CSA certified for 176°F

Order #	Reg.	VIP
108-145	\$1.19	\$0.89



3M Performance Plus Duct Tape 8979

•Clean removal with little or no sticky residue for up to six months •Sunlight/UV and water resistant •Lasts one year without degrading

•Designed for both permanent and temporary applications •Max temperature: 200°F •Width: 48mm

Order #	Color	Length	Reg.	VIP
108-4105	Slate	22.8M	\$7.79	\$6.99
108-4107	Black	54.8M	13.99	12.99

Waterproof Cloth "Gaffer" Tape

Cloth backed adhesive tape with high tack adhesive for use where normal PVC tape would lose adhesion due to the ingress of water. Often used to fix cables to floor/walls etc. and for general repairs. Supplied on 50m rolls. 50mm wide.

Order #	Description	Reg.	VIP
CB00015	Black	\$7.09	\$3.99
CB00016	Silver	7.09	3.99



3M Heavy-Duty Attachment Adhesive

This solid adhesive is intended for permanently attaching rigid plastics, ceramic, metal, finished wood and glass. Adhesive is industrial strength and resists temperatures from -20°F~200°F. Can be used indoor or outdoors and resists water, oil, gas, detergents and vibrations. Contains four 1" x 3" strips

Order #	Reg.	VIP
108-3680	\$3.69	\$2.99